## HANDBOOK

of

## COURSES OPEN TO WOMEN

IN
BRITISH, CONTINENTAL AND CANADIAM

## UNIVERSITIES

## 

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IN

## Brimish, Gonminenmal and Ganadian

## UNITERSITIES

COMPILED FOR THE
Graduate Club of Bryn Mawr College

BY
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ASSISTED BY
Helen Whitall Thomas, A.B. (Bryn Mawr) and Emma Stansbury Wines, A. M. (Bryn Mawr).
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## PREFACE.

The many graduates of Bryn Mawr College who in the last few years have wished to continue their studies abroad, have strongly felt the need of a handbook defining the position of the different foreign universities in regard to the admission of women to their courses, and giving for foreign universities and colleges particulars such as are given for American universities and colleges in "Graduate Courses," a handbook published originally by the Graduate Club of Harvard University, and later by the Federation of Graduate Clubs. It has therefore seemed desirable to the Graduate Club of Bryn Mawr College to publish a Handbook of Courses Open to Women in British, Continental and Canadian Universities containing all the information on the subject which it has been possible, in a necessarily limited space of time, to collect. The funds necessary for the purpose have been secured through the interest and assistance of the President of Bryn Mawr College.

An Editorial Committee, consisting of members of the Club, corresponded with women studying abroad, addressed enquiries to the authorities of all the foreign universities, and collected calendars and other official publications. The information gathered from these different sources has been put together in a condensed form, and it is hoped that the alphabetical arrangement adopted will be found convenient for reference.

The Committee wishes to express its gratitude to all those whose kindness in supplying information made the compilation of the book possible, and to acknowledge its indebted-
ness to the " Minerva Jahrbuch der Gelehrten Welt."* It is intended that a new edition of the handbook shall be issued yearly, and the Committee will be grateful for corrections of the errors almost unavoidable in a book of this kind and for suggestions which may tend to make the next issue more serviceable. The present volume has been delayed in the press; next year an effort will be made to have the Handbook ready in June.

The Graduate Club of Bryn Mawr College is glad to allow members of other colleges to make use of its collection of official programs and calendars; particular books will be lent for a few days to applicants prepaying postage.

All communications in regard to the Handbook, and all requests for programs and calendars, should be addressed to Miss Isabel Maddison, President of the Graduate Club, Bryn Mawr College, Bryn Mawr, Pennsylvania.

* Published by Karl J. Trübner, Strassburg.


## AUSTRIA-HUNGARY.

## AUSTRIA.

## (See also Hungary.)

The universities of Austria, like those of Germany, are state institutions. They are supported by the Government and are directly subject to the Austrian Minister of Education.

With the exception of the university at Czernowitz, which has no Faculty of Medicine, the eight universities of Austria comprise the Faculties of Philosophy (Arts and Science), Law, Medicine and Theology. Courses of lectures, seminary and laboratory work in different subjects are provided by the several faculties, and the degree of Doctor is given to matriculated students who have fulfilled certain stated requirements.

The entrance requirements for men are similar to those of German universities; the candidate for admission must hold the Maturitätszeugniss of a gymnasium.

In 1878 the admission of women to the Austrian universities was regulated by a decree of the Minister of Education; while declaring that there could be no question of a general admission of women to academic courses, he yet made provision for particular cases. Certain courses might, as an exception and with the express sanction of the Minister, be given especially for women, and advanced women students might in addition be allowed to attend the courses held for men, provided that they could in every case obtain the consent of the faculty in question, in conjunction with that of the academic senate and the individual professors, with whom work was desired. In no case were women to be allowed to register as students in the universities, but were to be considered as hearers.

Under this regulation of 1878 women have studied at many of the universities of Austria, and at present the question of their further admission is being agitated. For instance, information has been obtained to the effect that the Principal of the Girls' Private Bohemian Gymnasium at Prague, has presented a petition to the Austrian Minister of Education, asking that girls who have passed the maturitäts examination of the gymnasium be admitted to the Bohemian University of Prague as recognised students.

The university libraries are open to women.
The academic year is divided into two semesters, the first, or winter semester, which begins on October ist, and ends on the Thursday before Palm Sunday, and the second, or summer semester, which begins on the first Thursday after Easter and ends about July 3oth.

The system of university fees is in general the same in Austria as in Germany. (See under Germany.)

## CRACOW, Galicia, Austria. <br> JAGELLONISCHE UNIVERSITÄT. UNIWERSYTET JAGIELLOŃSKI W KRAKOWIE.

This university, founded in 1364 , is under the same regulations as all the universities of Austria; see above.

Enquiries may be addressed to the secretary, Leon Cyfrowicz.
Professors and Lecturers.

Languages. - Indo-Iranian : Docent v. Mankowski.

Classical: Professors Miodonski, Morawski, Sternbach.
Germanic (Polish, Slavish): Professors Creizenach, Malinowski, Graf Tarnowski,Tretiak; Docentv. Zdziechowski.
Romance: Professor Kawczynski, Docent Rongier.

Comparative Philology: Professor de Courtenay.
Philosophy: Professors Pawlicki, Straszewski; Docent Ziembicki.
History : Professors Lewicki, Smolka. Zakrzewski; Docents Czermak, Krzyzanowski, Graf Mycielski.
Art and Archeology: Professor Sokolowski; Docents Bienkowski, Graf Mycielski.
Pedagogy: Professor Straszewski ; Docent Kulczynski.

## SCIENCE.

Mathematics and Astronomy: Professors Karlinski, Zorawski; Docent Kepinski.
Physics: Professors Natanson, Witkowski ; Docent Birkenmajer.
Chemistry : Professors Godlewski, Olszewski, Schramm ; Docents Bandrowski, Jentys.
Mineralogy : Professor Kreutz.
Geology : Professor Szajnocba.
Biology : Professors Hoyer, Wierzejski.
Botany: Professors Janczewski, Rostafinski.
Geography: Professor SzwarcenbergCzerny.
Agriculture: Professors Adametz, Czarnomski, v. Lubomeski ; Docents Ajdukiewicz, Jentys.
Engineering: Docent Ajdukiewicz.

LAW AND POLITICAL SCIENCE.
Professors Brzezinski, Cyfrowicz, Fierich, Górski, Kasparek, Kleczynski, Krzymuski v. Radwan, Leo, Milewski, Piekosinski, Rosenblatt, Ulanowski, Zoll; Docents Czerkawski, Estreicher, W. L. Jaworski, Wróblewski.

> MEDICINE.

Professors Browicz, Bujwid, Cybulski, Domanski, Gluzinski, Halban, Jakubowski, W. Jaworski, Jordan, Korczynski, v. Kostanecki, Lazarski, Mars, Obalinski, Parenski, Pieniazěk, Poniklo, Rosner, Rydygier, Stopczanski, Trzebicky, Walentowicz ; Docents Bossowski, Braun, Rosner, Sraczynski, Zarewicz, Zulawski.

THEOLOGY.
Professors Chotkowski, Fijalek, Gromnicki, Knapinski, Morawski, Pelczar, Spis, Wadolny ; Instructor Bielenin.

## CZERNOWITZ, Buckowina, Austria.

## K. K. FRANZ-JOSEFS-UNIVERSITÄT.

This university, founded in 1875 , is under the same regulations as all the universities of Austria; see pp. $1,2$.

Enquiries may be addressed to the secretary, Josef Pietschmann.

## Professors and Lecturers.

Languages. - Semitic: Professor Ritter v. Onciul.
Classical: Professors Hilberg, Wrobel.
English: Reader Romanovsky.
Germanic (Slavonic, etc.): Professors Kaluzniacki, Sbiera, Smal-stocki, v. Summersberg.
Romance: Professor Gartner.
History: Professors Herzberg.Fränkel, Zieglauer v. Blumenthal; Docents Kaindl, Milkowicz.

SCIENCE.
Mathematics: Professor Puchta.
Physics: Professors Handl, Tumlirz.

Chemistry: Professor Pribram.
Mineralogy: Professor Scharizer.
Zoölogy: Professor v. Lendenfeld.
Botany: Professor Tangl.
Geography: Professor Löwl.
LAW AND POLITICAL SCIENCE.
Professors Grawein, Halban, Hauke, Hiller, Hruza, Kleinwächter, Ritter v. Roschmann-Hörburg, Skedl, Wahrmund; Docents Kryspin, Wolan.

THEOLOGY.
Professors Ritter v. Onclul, C. Popowicz, E. Popowicz, v. Repta, Wojucki; Docents Stefanelli, Tarnawski.

GRATZ, Styria, Austria.

## K. K. KARL-FRANZENS-UNIVERSITÄT.

This university, founded in 1586 , is under the same regulations as all the universities of Austria; see pp. 1, 2.

Enquiries may be addressed to the secretary, Josef Hutter.

## Professors and Lecturers:

ARTS.
Languages. - Oriental: Professors Kirste, Weiss.
Classical: Professors Goldbacher, Ritter v. Karajan, Meyer, Pichler, Schenkl.
English: Professor Luick.
Germanic (Slavonic): Professors Krek, Schönbach, Seuffert ; Docent Oblak.
Romance: Professors Ive, Schuchardt.
Comparative Philology: Professor Meyer.
Philosophy : Professors Ritter v. Meinong, Spitzer ; Docent Martinak.
History: Professors Bauer, Krones Ritter v. Marchland, Loserth, v. Zwied-ineck-Südenhorst ; Docent Mayer.
Art and Archeology: Professors Gurlitt, Strzygowski.

## SCIENCE.

Mathematics and Astronomy: Professors Dantscher Ritter v. Kollesberg, Frischauf, v. Hepperger; Docent Streissler.
Physics: Professors Klemencic, Pfaundler, Streintz, Subic, Wassmuth; Docent Czermak.
Chemistry: Professors Schrötter, Skraup.
Mineralogy: Professor Doelter.
Geology: Professors Hilber, Hoernes; Docent Penecke.

Biology : Professors v. Graff, Mojsisovics Edler v. Mojsvar, Zelinka; Docents Böhmig, Ritter v. Heider.
Botany: Professors Freiherr v. Ettingshausen, Haberlandt ; Docent Palla. Geography: Professor Richter.

> LAW AND POLITICAL SCIENCE.

Professors Freiherr v. Anders, Bischoff, Freiherr v. Canstein, Gumplowicz, Hanausek, Hildebrand, Lubetz, Luschin Ritter v. Ebengreuth, Mischler, Freiherr v. Schey, Schütze, Tewes, Thaner, Vargha; Docent Sperl.

## MEDICINE.

Professors Anton, Birnbacher, Bleichsteiner, Börner, Borysiekiewicz, Drasch, Ebner, Eppinger, Escherich, Habermann, Hoffer Edler v. Sulmthal, Hofmann, Holl, Jarisch, Klemensiewicz, Kratter, Kraus, Möller, Müller, Nicoladoni, Prausnitz, Freiherr v. Rokitansky, Rollett, Schindler; Docents Eberstaller, Elschnigg, Emele, Fürst, Laker, Loos, Quass, Rossa, Schlangenhausen, Steinbüchel v. Rheinwall, Tobeitz, Walser, Zoth.
THEOLOGY.

Professors Gutjahr, Klinger, Neubauer, Ritter v. Scherer, Schlager, Stanonik, A. Weiss, J. Weiss.
Docent v. Hausegger.

## INNSBRUCK, Tyrol, Austria.

## K. K. LEOPOLD-FRANZENS-UNIVERSITÄT.

This university, founded in $1673-4$, is under the same regulations as all the universities of Austria; see pp. 1, 2.

Enquiries may be addressed to the secretary, Willibald. Stricker.

## Professors and Lecturers.

Languages. - Oriental: Professor Flunk.
Indo-Iranian: Professor v. Schröder.
Classical: Professor Mïller, Zingerle.
English: Docent Fischer.
Germanic: Professors Seemüller, Wackernell.
Romance: Professor Demattio; Docent W. v. Zingerle.
Comparative Philology: Professor Stolz.
Philosophy : Professors Ueberhorst, v . Wildhausen.
History: Professors Friedrich, Hirn, Kaltenbrunner, v. Ottenthal, Pastor, v. Scala; Docent Mayr.
Art and Archeology: Professors Reisch, Semper.

SCIENCE.
Mathematics and Astronomy : Professors v. Haerdtl, Stolz, Wirtinger; Docent Schober.
Physics: Professors Exner, Lecher, Pecbe, Pernter; Docents Hammerl, Tollinger.
Chemistry : Professor Senhofer.

Mineralogy : Professor Cathrein.
Geology : Professor Blaas.
Brology : Professors Heider, v. DallaTorre.
Botany : Professor Heinricher.
Geography: Professor Ritterv. Wieser.
LAW AND POLITICAL SCIENCE.
Professors Dantscher Ritter v. Kollesberg, v. Hörmann, John, Lentner, Myrbach v. Rheinfeld, Pacchioni, Pfersche, Ritter v. Sartori-Montecroce, Schiffner, Freiherr v. Schwind, Singer, Steinlechner, Waldner; Docents Boscarolli, v. Eccher, Payr, Zanetti. MEDICINE.
Professors Dimmer, Ehrendorfer, Ipsen, Juffinger, Kerschner, Klotz, Loebisch, Loewit, Lukasiewicz, Mayer, Nevinny, Pommer, Freiherr v. Rokitansky, v . Vintschgau, Wildner; Docents Tschurtschenthaler Edler v. Helmheim, Lantschner, Malfatti, Sachs.

## THEOLOGY.

Professors Biederlack, Flunk, Grisar, Hurter, Kern, Michael, Nilles, Nisius, Noldin, Straub; Docents Gatterer, Lingens, Rinz.

## LEMBERGG, Galicia, Austria.

## K. K. FRANZENS-UNIVERSITÄT.

## C. K. UNIWERSYTET IMIENIA CESARZA FRANCISZKA I.

This university, founded in 1784 , is under the same regulations as all the universities of Austria; see pp. 1, 2 .

Enquiries may be addressed to the secretary, Marceli Chlamtacz.

## Professors and Lecturers.

## ARTS.

Languages.-Semitic: Professor Sarnicki.
Classical: Professors Cwiklinski, Kruczkiewicz; Docent Jezieniecki.
English: Instructor Kropiwnicki.
Germanic: Professors Kalina, Pilat, Werner; Docent Colessa.
Romance: Instructor Amborski.

Philosophy: Professors Raciborski, Skórski; Docent Graf Dzieduszycki. History: Professors Dembinski, Finkel, Gruszewski; Szaraniewicz, Wojciechowski; Docent Hirschberg.
Art and Archeology: Professor BolozAntoniewicz.
Pedagogy: Docent Danysz.
sCiENCE.
Mathematics and Astronomy: Professor Puzyna.
Physics: Professors Fabian, Zakrzewski.
Chemistry: Professors Lachowicz, Radziszewski.
Mineralogy: Professor Dunikowski; Docent Niedzwiedzki.
Geology: Docents Niedzwiedzki, Siemiradzki, Teisseyre, Zuber.
Biology: Professor Dybowski; Docents Nussbaum, Piotrowski, Wielowiejski.
Botany: Professor Ciesielski; Docents Szyszylowicz, Zalewski.
Geography: Professor Rehmann.
Hygiene: Docent Szpilman.

LAW AND POLITICAL SCIENCE.
Professors Abraham, Bálasits, Balzer, Bobrzynski, Czerny, Glabinski, Gryziecki, Janowicz, v. Ochenkowski, Ostrozynski, Pietak, T. Pilat, Graf Pininski, Roszkowski, Starzynski, Stebelski, Szachowski, Till, Wachholz; Docents Dobrzanski, Dolinski, Lilienfeld, W. Pilat.
medicine.
Professors Beck, Kadyi, Niemilowicz. THEOLOGY.
Professors Bartoszewski, Bilczewski, Filarski, Kloss, Komarnicki, Sarnicki, Skrochowski, Walega; Docent Narajewski; Instructors Redkiewicz, Jaszowski.

## PRAGUE, Bohemia, Austria.

## K. K. DEUTSCHE KARL-FERDINAND-UNIVERSITÄT.

This university, founded in 1348 , is under the same regulations as all the universities of Austria; see pp. 1, 2.

Enquiries may be addressed to the rector, Karl Hugo HupPERT.

## Professors and Lecturers.

Languages.-Semitic: Professors Griinert, Peter.
Oriental: Professor Gerber.
Classical: Professors Holzinger Ritter v. Weidich,Keller, Rzach, Schubert.
English: Professor Pogatscher; Reader Just.
Germanic: Professors Kelle, Sauer; Docent Hauffen.
Romance: Professor Cornu; Docent Rohn; Readers Rolin, Vielmetti.
Comparative Philology: Professors
Lambel, Ludwig.
Philosophy: Professors Jodl, Marty, Willmann; Docent Arleth.
History: Professors Bachmann, Fournier, Jung,Swoboda, Weber, Werunsky.
Art and Archeology: Professors Klein, Neuwirth, Schultz.
Pedagogy: Professor Willmann.

SCIENCE.
Mathematics and Astronomy: Professors Bobeck, Pick, Weinek.
Physics: Professors Jaumann, Lecher, Lippich.
Chemistry: Professars Brunner, Garzarolli Edler v. Thurnlackh, Gintl, Goldschmiedt.
Mineralogy: Professor Becke.
Geology: Professor Laube.
Biology: Professor Hatschek; Docent Cori.
Botany: Professors Molisch, Reinitzer, Wettstein Ritter v. Westersheim; Docents Nestler, Schiffner.
Geography: Professor Lenz.
LAW AND POLITICAL SCIENCE. Professors Finger, Frankl, Franz, Krasnopolski, Pfaff, Schuster, Ulbrich, Ullmann, Vering, Freiherr v. Wieser, Znckerkandl ; Docent Spiegel.

## MEDICINE.

Professors Bayer, Chiari, Czermak, Dittrich, Epstein, Ganghofner, Hofmeister, Hueppe, Huppert, Jaksch Ritter v. Wartenhorst, Kisch, Knoll, Maresch, Mayer, Ott, Petrina, A. Pick, P. J. Pick, Pobl, Prihram, Rabl, Rex, Edler v. Rosthorn, Schenkl, Singer, Steinach, Weil, Wölfer, Zaufal ; Docents v. Frey, R. Fischl, W. Fischel, Hering, Herrn-
heiser, Miinzer, Pietrzikowski, Raudnitz, Schmid, Spietschka, Winternitz, Wunschheim Ritter v. Lilienthal.

THEOLOGY.
Professors Elbl, Frind, Gerber, Kurz, Peter, Rohling, Schindler, Schneedorfer, Sprinzl ; Docents Rieber, Zaus.

MUSIC.<br>Professor Adler ; Reader Schneider.

## PRAGUE, Bohemia, Austria.

K. K. BÖHMISCHE KARL-FERDINAND-UNIVERSITÄT.
c. K. česká universita karlo-ferdinandova.

This university, founded in $1882-3$, is under the same regulations as all the universities of Austria; see pp. I, 2.

Enquiries may be addressed to the rector, Karel Vrba.

## Professors and Lecturers.

## ARTS. <br> Languages. - Oriental: Professor

 Dvorák.Classical: Professors Kvicala, Král, Novák; Docent Vysoky.
Eiglish: Reader Sládek.
Germanic: Professors Gehauer, Mourek, Polívka; Docent Máchal; Readers Brábek, Kolár, Kraus.
Romance: Professor Jarnik; Readers Mohl, Malecek.
Comparative Philology: Professor
Zubaty; Docent Kovár.
History of Literature: Professor Frida.
Philosophy: Professor Durdik, Masaryk; Docent Drtina.
Political Economy: Professors Braf, Kaizl; Hon-Docent Bloman.
History: Professors Emler, Goll, Kalousek, Rezek; Docents Pic, Zibrt.
Æsthetics: Professor Hostinsky.

## science.

Mathematics and Astronomy: Professors Gruss, Studnicka, Weyr.
Physics: Professor Strouhal, Kolácek.
Chemistry: Professors Belohoubek, Brauner, Rayman, Safarik.

Mineralogy: Professor Vrba.
Geology: Professors Woldrich, Velenovsky; Docents Barvir, Pocta.
Geography: Professor Palacky.
Meteorology : Professor Augustin.
Biology : Professors Celakovsky, Fric, Hansgirg, Vejdorsky.
Anthrofology: Docent Niederle.
LAW AND POLITICAL SCIENCE.
Professors Belohradsky, Braf, Celakovsky, Hanel, Henuer, Heyrovsky, Kaizl, Ott, Prazak, Randa, Rieger, Storch, Stupecky, Talir, Zucker; Docents Bloman, Herrmann, Trakal.

## MEDICINE.

Professors Boehm, Chodounsky, Deyl, Eiselt, Hlava, Horbaczewski, Janosik, Janovsky, Jirus, Kabrhel, Kaufmann, Maixner, Maydl, Mares, Michl, Neurentter, Nessel, Obrzut, Pawlik, Reinsherg, Rohon, Schöbl, Schwing, Spina, Thomayer; Docents Frankenberger, Hellich, Kuffner, Mitvalsky, Pecirka, Pesina, Rubeska.

THEOLOGY.
Professors Kaderávek, Krystufek, Pachta, Pechácek, Sedlácek, Sykora, Vrestal; Docents Tippmann, Tumpach.

## VIENNA, Austria.

## K. K. UNIVERSITÄT.

This university, founded in ${ }^{1365}$, is under the same regulations as all the universities of Austria; see pp. 1, 2. The Medical Faculty is large and important, and for this reason the subjects lectured on by the different professors are stated below.

Enquiries may be addressed to the secretary.

## Professors and Lecturers.



## ARTS.

Egyptian : Professor Reinisch.
Indo-Iranian : Professor Bühler.
Classical: Professors Benndorf, Gitlbauer, Gomperz, Ritter v. Hartel, Hoffmann, Schenkl Ritter v. Schneider; Docents Hauler, Heberdey, Jurenka, Mekler, Reichel.
Engilish : Professor Schipper; Docent Kelliner.
Germanic (Slavonic, etc): Professors Heinzel, Jagic, Jirecek, Minor; Docents Detter, Jellinek, Kraus, Mucb, Nagl, Pastrnek, o. Resetar, Strekelj, Vondrak, v. Weilen.
Romance : Professors Meyer-Lübke, Mussafia ; Docent Alton.
Comparative Philology: Professors Meringer, Friedrich Müller ; Docent Sklenar.
Philosophy: Professors Hillebrand, Mach, Zimmermann ; Docents Freiherr v. Ebrenfels, Jerusalem, Reich, Stöhr, Twardowski, Wahle.
History : Professors Bormann, Büdinger, Huber, Mühlbacher, Pribram, Szanto, Redlich, Ritter v. Zeissberg; Docents Dopsch, Fellner, Hartmann, Kubitschek, Rieger, Steinherz, Ublirz, Walzel, Ritter v. Zitkovszky.
Oriental History : Professors Karabacek, Krall.
Art and Esthetics: Professors Freiherr v. Berger, Riegl, Wickboff; Do. cents Dietz, Dollmayr, Ritter v. Schlosser.

Archeology : Professorv. Sclneider; Docents Hornes, Wilbelm.
Pedagogy: Professor Vogt; Docent Höfler.
Mustc: Professor Rietsch.
SCIENCE.
Mathematics: Professors Ritter v. Escherich, Gegenbauer, Kohn, Mertens; Docents Blaschke, Sersawy, Tauber, Zindler, Zsigmondy.
Astronomy: Professor Weiss; Docents Oppenheim, Schram.
Physics: Professors Boltzmann, Exner, Hann, v. Lang ; Docents Jăger, Moser.
Chemistry : Professors Lieben, Lippmann, Freiherr v. Sommaruga, Weidel; Docents Blau, Fossek, Herzig, Meyerboffer, Natterer, Pomeranz, Schacherl, Vortmann, Wegscheider, Zeisel.
Mineralogy and Petrography : Professors Berwerth, Sclarauf, Tschermak.
Geology: Professor Suess, Waagen; Docents Diener, Fuchs, Wâhner.
Grography: Professors Pencl, Reyer, Tomaschek ; Docents Paulitschke, Sieger.
Biology: Professors Brauer, Claus, Grobben.
Botany: Professors Beck Ritter v. Mannagetta, Kerner Ritter v. Marilaun, Wiesner ; Docents Burgerstein, Fritsch, Krasser, Stapf.
Ethnography : Docent Haberlandt.
Meteorology : Docent Trabert.
law and political science.
Professors Sigmund Adler, Bernatzik, Böbm Ritter v.Bawerk, Brunnenmeister, Ritter v. Czyblarz, Friedmann, Gross, Grünhut, Hofmann, Ritter Hussarek v.

Heinlein, v. Inama-Sternegg, v. Juraschek, Franz Klein, Lammasch, LustkandI, Anton Menger, Karl Menger, Menzel, Meyer, Mitteis, Pfaff, Philippovich Edler v. Philippsberg, Schrutka Edier v. Rechtenstamm, Seidler, Siegel, Singer, Unger, v. Zallinger; Docents Karl Adler, Burckhard, Brockhausen, Demelius, Ehrlich, Feilbogen, Fuchs, Gruber, Griunherg, v. Komorzynski, Landesberger, Lenz, Pollak, Pineles, Rauchberg, Schmid, Ritter v. Schullern-Schrattenhofen, Schwiedland, Strisower, Tezner, Zoll.

MEDICINE.
Anatomy : Professors Dalla-Rosa, Embry, Hochstetter, Kolisko, Paltauf, Schenk, Toldt, Weichselbaum, Zuckerkandl.
Physiology: Professor Exner ; Docent Latschenberger.
Histology: Professors Ebner Ritter v. Rofenstein, Schafier.
Chemistry: Professors Gussenbauer, Ludwig, Mauthner ; Docent Kerry.
Medicine : Professors Oser, Winternitz; Docents Abeles, Biach, Chvostek, Drozda, Hammerschlag, Heitler, Herz, Klein, Kretschy, v. Limbeck, Lorenz, Mannaberg, Obermayer, Ortner, Pal, Pick, Sternberg.
Surgery : Professors Albert, Bohm Edler v. Böhmershein, Eaglisch, Ritter v. Frisch, Gussenbauer, v. Hacker, Hochenegg, Hofmokl, Lorenz, Ritter v. Mosetig-Moorhof, Weinlechner ; Docents Fieber, Frank, Fränkel, Habart, Neudörfer, Schnitzler, Schustler, Ullmann, Zuckerkandl.
Obstetrics: Professors Braun, Breus, Chrobak, Lott, Schauta; Docents Braun v. Fernwald, Felsenreich, Herzfeld, Jurié Edler v. Lavandal, Lihotzky, Schlesinger, Wertheim, v. Weiss.

Pharmacy: Professor Vogl; Docent Paschkis.
Pathology: Professors Ritterv. Basch, Gaertner, Neusser, Nothnagel, Schrötter Ritter v. Kristelli, Stricker, Ritter v. Stoffella d'alta Rupe ; Docents Kovacs, Schiitz.
Diseases of the Ear: Professors Gruber, Politzer, Urbantschitsch ; Docents Bing, Gomperz, Pollak.
Diseases of the Eye: Professors Bergmeister, Fuchs, Ritter v. Reuss, Schnabel ; Docents Bernheimer, Klein, Königstein, Salzmann.
Diseases of Children : Professors Kassowitz, Monti, Freiherr v. Widerhofer ; Docents Eisenschitz, Foltanek, Frühwald, Ritter v. Hüttenbrenner, Unger.
Skin Diseases : Professors Finger, Kaposi, Kohn, Lang, Mracek, Neumann; Docents Ehrmann, Griinfeld, Ritter v. Hebra, Riehl, Schiff, Vajda, Edler v. Zeissl.
Nervous Diseases: Professors Benedikt, Fritsch, Freiherr v. Krafft-Ebing, Obersteiner, Wagner Ritter v. Jauregg; Docents Freud, Frankl Ritter v. Hochwart, Holländer, Redlich, Freiherr Steiner v. Pfungen.
Diseases of the Throat: Professors Chiari, Stoerk; Docents Grossmann, Réthi, Roth.
Epidemiology: Professor Drasche.
Balneology: Professor Clar.
Hospital Practice: Professor Stern.
Medical Jurisprudence: Professor Ritter v. Hofmann.
History of Medicine: Professor Puschmann.
Hygiene: Professors Gruber, Kratschmer.
theology.
Professors Bauer, Kopallik, Laurin, Müllner, Neumann, Pölzl, Reinhold, Schäfer, Schindler, Swoboda.

## BELGIUM.

There are in Belgium four universities, the state universities of Ghent and Liége, and the free universities of Brussels and Louvain. Each university comprises the Faculties of Arts, Science, Law and Medicine, and each of these Faculties provides instruction and grants the degrees of Candidate and Doctor to students who have fulfilled certain stated requirements.

In 1883 women were admitted on the same conditions as men to the universities of Brussels and Liége and also allowed to take the state examinations. The Catholic University of Louvain, however, does not admit women.

Examinations are held and degrees conferred by state commissions, made up of examiners chosen in equal numbers from among the professors of the state universities and the free university. These commissions are of two kinds, the central commission and special commissions. The central commission is accessible to any student who desires to present himself for examination, the special commissions, instituted for the separate universities, are accessible only to students of the universities for which they were established.

No student is admitted to the examination for the degree of Candidate, unless he present a certificate, stating that he has followed certain specified courses of study. Such certificates may be given by the directors of private schools or even by private teachers.

To obtain the degree of Candidate in Philosophy and Literature, the student is required to study for four semesters and to pass two examinations. For the degree of Doctor of Philosophy two additional years of study are required, and one or two more examinations must be passed.

The year is divided into two semesters, beginning respectively in October and March.

The fees charged by the state and the free universities are approximately the same. Upon registering at the university each student is required to pay 15 frs. (\$3). In addition he must register for the courses that he desires to take; for such registration a fee of 250 fr. (\$50) a year is charged by the Faculty of Law, by the other Faculties a fee of 200 fr . (\$40).

## BRUSSELS, Belgium.

## UNIVERSITÉ LIBRE DE BRUXELLES.

This university, founded in 1834 , and independent of Church and State, consists of the Faculties of Arts, Science, Law, Medicine and Pharmacy and a Technical School.

Women are admitted to all lectures, examinations and degrees.
The academic year begins in October.
For fees, etc., see above.
Enquiries may be addressed to the secretary, M. Denis.

## Professors and Lecturers.

ARTS.
Languages.-Classical: Professors Boisacq, De Moor, Vollgraff, Willems.
Sanscrit and Comparative PhilolOGY: Professor E. Monseur.
Philosophy: Professors Denis, Tiberghien.
History : Professors Goblet d' Alviella, Leclère, Lonchay, Pergameni, Vanderkindere.

## SCIENCE.

Mathematics : Professors Brand, Charbo, Goemans, Mineur, Tassel.
Physics: Professors Reychler, Rousseau. Chemistry : Professors Joly, Reychler, de Wilde, $M$. Daimeries.
Geology : $M$. Prinz.

Biology : Professors Errera, Francotte, Lameere, Yseux.
Engineering: $M$. de Keyser.
LAW AND POLITICAL SCIENCE.
Professors Bandour, Cornil, Duvivier, Giron, Graux, Nys, Olin, Prins, Van der Rest, Rivier, Vauthier; $M M$. Behaeghel, Cornil, de Hoon.

## MEDICINE.

Professors Carpentier, Coppez, Crocq, Desmeth, Destrée, Hauben, Héger, Jacques, Kufferath, Rommelaere, Sacre, de Smet, Spehl, Stiénon, Thiriar.

TECHNICAL SCHOOL.
Professors Anspach, Bergé, Van Drunen, Huberti, Ithier, $M M$. Habets, Horta.

GHENT, Belgium.

## UNIVERSITÉ DE L' ÉTAT DE GAND.

This university, founded in 1816, consists of the Faculties of Arts, Science, Law and Medicine. The degrees, lectures and examinations are open to women.

The first semester begins on the first Tuesday in October, the second semester on the last Monday in February.

For fees, etc., see above.

## Professors and Lecturers.

ARTS.
Languages. - Classical: Professor Thomas; MM. Bides, Roersch.
Flemish : Professors Fredericq, Vercoullie ; M. Micheels.
Germanic: Professor Bley.
English : Professor Logeman.
Comparative Philology: $M$. de la Vallée Poussin.
Philosophy: Professors Van Biervliet, Hoffmann, Hulin.
History : Professors de Ceuleneer, Discailles, Cumont, Pirenne ; M. Van der Haeghen.

SCIENCE.
Mathematics and Astronomy : Professors: Dauge, Depermentier, Dusausoy, Mansion, Massau, Mister, Van Rysselberghe, Servais; M. Wolters.
Physics: Professors Van Aubel, Van der Mensbrugghe, Schoentjes; M. Boulvin.
Chemistry : Professors Delacre, Nelissen, Rottier, Swarts.

Geology and Mineralogy : Professor Renard.
Metallurgy : M. Bréda.
Biology : Professors MacLeod, Plateau.
Engineering: Professors Boulvin, Van der Linden, Wolters; M. Flamache.
Architecture: Professor Cloquet.
technology: Professor de Wilde; M. Foulon.
Commercial Geography : M. Merten.

> LAW.

Professors De Brabandere, Callier, D'Hondt, Montigny, Nossent, de Ridder, Rolin, Seresia, Van Wetter; MM. de Baets, Claeys, Dauge, Dubois, Nicolai, Pyfferoen.

MEDICINE.
Professors Bambeke, Boddaert, Bouqué, Cauwenberghe, de Cock, Deneffe, Eeman, Van Ermengem, Lahousse, Leboucq, Verstraeten, de Visscher; MM. Van Duyse, Gilson, Heymans, Imschoot.

## LIÉGE, Belgium.

## UNIVERSITÉ DE LIÉGE.

This university, founded in 1817 , consists of the Faculties of Arts, Science, Law and Medicine. There is also a Technical School. The degrees, lectures and examinations are open to women.

The first semester begins on the third Thursday in October, the second in the beginning of March.

For fees etc., see above.

## Professors and Lecturers.

## ARTS.

Languages. - Oriental: Professor Chauvin.
Classical: Professors Delboeuf, Michel, Parmentier, Waltzing; M. Demarteau.
English: MM. Orth, Veerdeghem.
Flemish: $M I M$. de Block, Veerdeghem. Romance: Professors Doutrepont, Wilmotte.
History of Literature: Professors Francotte, Kurth.
Philosophy: Professors Grafé, Merten.
History: Professors Hubert, Kurth, Lequarré.
Paleography: Professor Bormans.
Art and Archeology: M. Renard.
SCIENCE.
Mathematics: Professors Graindorge,
Lepaige, Neuberg, de Ruydts ; MM.
Folie, Hubert.
Physics: Professozs de Heen, Ronkar.

Chemistry : Professor Spring, de Koninck ; MM. Lohest, Krutwig.
Geology and Mineralogy : Professors Cesaro, Dewalque ; M. Firket. Biology: Professors Van Beneden, Fraipont, Gravis.
Hygiene: M. Kuborn.

## LAW.

Professors Dejace, Galopin, Lemaire, Mahaim, Namur, Orban, De Senarclens, Van der Smissen, Thiry ; M. Obrie.
medicine.
Professors VanAubel, Firket, Francotte, Fredericq, Gilkinet, Masius, Nuel, Plucker, Putzeys, Swaen, Vanlair, Winiwarter; MM. Cbandelon, Fraipont, Henrijean, Jorissen, Julin, Schiffers.

TECHNICAL SCHOOL.
Professors Duguet, V. Dwelshauversde Ry, Habets, Holzer, Gérard, Gillon, Stévart; $M$. Trasenster.

## CANADA.

There are in Canada the following universities: Dalhousie College and University, Halifax, Nova Scotia; Queens College and University, Kingston, Ontario; McGill University, Montreal ; the University of New Brunswick, Fredericton, New Brunswick; the University of Toronto, University College, Victoria University and Trinity University, Toronto.

The courses and degrees of these universities are in general open to women. In some cases there are special Medical Schools for Women connected with the university and giving preparation for the university degrees.

The colleges have as a rule no halls of residence; the students reside in boarding houses, which must be approved by the college authorities.

## FREDERICTON, New Brunswick. UNIVERSITY OF NEW BRUNSWICK.

The University of New Brunswick gives instruction and confers degrees in Arts, Science and Law.

Four classes of students are recognised: undergraduates, students in special undergraduate courses, partial students (those who attend two or more courses of lectures and are matriculated), and occasional students (those admitted by the Faculty to a particular course of lectures).

Women are admitted to the university on the same terms as men.
The academic year consists of two terms, the Michaelmas term, beginning on October ist and ending on December 19th, the Easter term, beginning on January 6th and ending on May 28th.

The matriculation fee is $\$ 2$ and the tuition fee $\$ 30$ annually. In addition every student upon matriculating must give to the registrar a bond to the amount of $\$ 40$ to pay all charges accruing under the regulations of the university.

Four scholarships are offered at the University of New Brunswick, but women are excluded from two of these.

For further information address Prof. Davidson, Fredericton, New Brunswick.

## Professors and Lecturers.



## HALIFAX, Nova Scotia. DALHOUSIE COLLEGE AND UNIVERSITY.

Dalhousie College was founded in 1821, and by an act passed in 184 I university powers were granted to the college.

Courses are given and degrees conferred in Arts, Science, Law and Medicine.

Persons of either sex may become students at the college by furnishing satisfactory references, entering their names in the register and paying the annual registration fee. Registered students may, after paying the proper fee, enter any of the ordinary classes of the college. The advanced classes are open to students who have sufficient knowledge of the subjects taught in them.

The college has no hall of residence, but women undergraduates are admitted, under special conditions, as boarders at the Halifax Ladies' College.

The academic year consists of one session. The session in Arts and Science begins about the middle of September, the School of Law begins about September ist, and that of Medicine about October 1 st. All the sessions close at the end of April.

The registration fee is $\$ 4$ to be paid annually. $\$ 6$ is paid for attendance in each class which is not practical; for the practical classes the fees vary from $\$ 6$ to $\$ 14$ per class.

Seven scholarships are awarded at Dalhousie College. Five of these are of the value of $\$ 40$ each, while the others entitle the holders to exemption from fees during the entire course.

For further information apply to the secretary, Dr. George Lawson, Halifax, Nova Scotia.

## Professors and Lecturers.

[^0]> Botany: Dr. Lawson.
> Engineering: Drs. Gilpin, Murphy; Messrs. Doane, Dodwell, McColl. LAW. Professors Russell, Weldon; Messrs. Harrington, McInnes, Mellish, Ritchie, Silver.

> MEDICINE.
> Professors Anderson, Black, Campbell, Cowie, Curry, Farrell, Goodwin, Henry, Lindsay, McLaren, Muir, Page, Parker, Reid, Silver, Sinclair, Somers, Stewart, Tobin.

## KINGSTON, Ontario.

## QUEEN'S COLLEGE AND UNIVERSITY.

This university, which has been open to women on the same conditions as to men since its foundation in 1830, and has had women students attending its courses since 1876, gives instruction and confers degrees in Arts, Science. Law, Medicine and Theology.

The classes and pass examinations are open to unmatriculated students, but candidates for a degree must pass the matriculation examination. Certain equivalent examinations are accepted.

Students, when registering, must produce a certificate of character and pay the required fees.

Classes in Arts, Applied Science and Medicine begin on October 1 st and end on April roth. Classes in Theology begin on November 2nd and end on April 15 th.

There is a short summer session in Medicine, beginning on April 29th and ending on June 26 th, and a summer session in Science, beginning on July 12 th and lasting four weeks.

Class fees in the Faculty of Arts are $\$ 25$ per session; in the Faculty of Science $\$ 40$; in the Faculty of Medicine $\$ 75$. Fees for
single classes are $\$ S$ per session. Fees for registration, etc., are \$10.
There are numerous prizes and scholarships.
For further information apply to the registrar.

## Professors and Lecturers.

Languages. - Classical: Professors MacNaughton, Nicholson ; Messrs. Dyde, Ross, Windel.
English : Professor Cappon.
Germanic: Professor Macgillivray;
Mr. Day, Miss Griffith.
Romance: Professor Macgillivray; Mr. McIntosh.
Comparattye Philology: Professor Nicholson.
Philosophy : Professors Dyde, Watson. Political Science: Professor Shortt. History : Professor Ferguson ; Mr. La-

Mathematics: Professor Dupuis; Mr. Metzler.
Physics: Professor Marshall; Mr. Baker.
Chemistry : Professor Goodwin; Messrs. Brock, Pope, Wood.
Mineralogy : Professor Nicol.
Geology : Mr. Miller.
Biology : Professors Fowler, Knight ; Mr. Cunningham.
N. B.-Lists of Professors and Lecturers in Law, Medicine and Theology have not been obtained.

## MONTREAL, Canada.

## McGILL COLLEGE AND UNIVERSITY.

McGill College and University, founded in 1821 , comprises the Faculties of Arts, Applied Science, Law, Medicine and Comparative Medicine and Veterinary Science ; it gives instruction and confers degrees in these subjects. The educational work of the University is carried on in McGill College and the following Afffiliated Colleges: Morrin College, Quebec; St. Francis College, Richmond, P. Q. ; the Stanstead Wesleyan College, Stanstead, P. Q., and five Theological Colleges.

Students in the Faculty of Arts are classified as undergraduates and partial students. Undergraduates alone can proceed to the degree of B. A., and must pass the required entrance examinations. Candidates for admission as partial students must satisfy the professors of the several subjects they select of their fitness to attend the lectures or be examined in these subjects. Students of other universities may be admitted to a like standing in this University on production of certificates and after examination by the Faculty.

There are special classes in Arts for women under the Donalda

Endowment, wholly separate from those for men. The only classes women attend with men are the honors classes in Arts. Women take the same examinations as men, under the same regulations, and may obtain the same degrees.

The session begins on September i $7^{\text {th }}$ and ends on April 3oth.
Undergraduates pay $\$ 37.00$ per sesssion, including library, gymnasium and matriculation fees; $\$ 5.00$ of this $\$ 37.00$ must be paid before the September entrance examinations. Partial students pay $\$ 8.00$ per session for one course of lectures, including the use of the library, and $\$ 4.00$ per session for each additional course. They are also required to pay $\$ 2.00$ a year for athletics and the care of the college grounds.

Information in regard to scholarships offered by the College will be found on page 23 in the Calendar of the University. Women have the same privileges as men with reference to scholarships, honors, prizes and medals.

For further information apply to James W. Brakenridge, acting secretary, McGill College, Montreal.

## Professors and Lecturers.

Languages. - Oriental : Professor Coussirat.
Classical: Professors Eaton, Peterson; Dr. Day.
English : Professor Moyse; Mr. P. T. Lafleur.

Germanic: Mr. Gregor.
Frenct : Messrs. Ingres, Morin.
Philosophy: Professor Murray; Mr. P. T. Lafleur.

History : Professor Colby.
Elocution: Mr. Stephens.
sCIENCE.
Mathematics : Professors Chandler, Johnson ; Messrs. Lea, C. B. Smith, Tory.
Physics: Professors Callendar, Cox; Messrs. Pitcher, Tory.
Chemistry : Professors Girdwood, Harrington, Ruttan ; Messrs. Evans, Wolf. Mineralogy : Professor Harrington.
Geology: Professor Adams.

Biology : Professors Mills, Penhallow; Drs. J. D. Cameron, Elder, Henderson, J. G. McCarthy, Morrow, Scane ; Miss Derick.
Engineering: Professors Bamford, Bovey, Carus-Wilson, McLeod, Nicholson ; Messrs. Herndt-Carlyle, Lea, C. B. Smith.

> LAW.

Professors Abbott, Davidson, Doherty, Fortin, Geoffrion, E. Lafleur, Marler, McGoun, Trenholme, Wurtele ; Mr. Ryan.

MEDICINE.
Professors Adami, Alloway, Armstrong, Baker, Bell, Birkett, Blackader, Buller, J. C. Cameron, Craik, Finley, Gardner, H. A. Lafleur, C. McEachran, D. McEachran, Roddick, Shepherd, Stewart, Wilkins; Drs. Burgess, K. Cameron, G. G. Campbell, Deeks, Evans, Gardner, Gunn, Hamilton, Johnson, Kirkpatrick, Martin, McKenzie, Shaw, Williams.

## TORONTO, Canada.

## UNIVERSITY OF TORONTO AND UNIVERSITY COLLEGE.

The University of Toronto, founded in 1827 , has connected with it University College and Victoria University.

Instruction is given in different subjects of the Arts course by the Arts Faculties of the University of Toronto, Victoria University and University College; Latin, Greek, Ancient History, English, French, German, Oriental Literature and Ethics are taught by the latter two Faculties and the remaining subjects by the University of Toronto. Knox College, Wycliffe College and St. Michael's College give instruction in Theology and allied subjects.

All courses, examinations and degrees are open to women on exactly the same conditions as to men.

No conditions are imposed in regard to residence; women students are under the supervision of a lady superintendent whose directions as to conduct are to be observed.

There are two terms in the year: the Michælmas term, beginning October ist and ending December 2oth; the Easter term, beginning January 3 d and ending April 13 th.

The fee for each course of not more than fifteen hours of lectures is \$2. The fees for matriculation are $\$ 7$ and $\$$ ro.

There are numerous scholarships and fellowships of the value of $\$ 375$ to $\$ 500$, full particulars concerning which can be obtained from the calendar, or from the registrar.

## VICTORIA UNIVERSITY.

This university, founded in 1830, has the affiliated Colleges, Albert College, Belleville; the Wesleyan Ladies' College, Hamilton ; the Ontario Ladies' College, Whitby ; Alma College, St. Thomas; and Columbian Methodist College, New Westminster, B. C.

The Faculty of Arts in Victoria University provides instruction in all subjects assigned to it by the Federation Act of University College (see above.) In other subjects the students of Victoria University attend the lectures and use the laboratories of the University of Toronto.

The terms are the same as for Toronto University, but there are additional college fees of from $\$ 25$ to $\$ 30$ a year.

## Professors and Lecturers.

ARTS.
Languages. - Oriental: Professors McCurdy, McLaughlin, Dr. McGee.
Classical: Professors Bell, Hutton; Messrs. Carruthers, Langford, Milner, J. C. Robertson.
English: Professors Alexander, Horning, Reynar; Mr. Keys.
German: Professors Horning, Van der Smissen ; Drs. Fick, Needler; Mr. Langley.
Romance: Professors W. H. Fraser, Petch, Squair; Messrs. Cameron, Cu sin, F. J. A. Davidson, Lingelbach.
Comparative Philology: Professor Hutton.
Philosophy: Professors Badgley, Hume; Drs. Kirschmann, F. Tracy.
Political Science: Professors Burwash, Mavor, Hon. David Mills, Hon. Mr. Justice Proudfoot; Mr. C. A. Stuart.

History: Professors Bain, Wrong.
SCIENCE.
Mathematics : Professor A. Baker; Messrs. de Lury, Odell.
Physics: Professor James Loudon; Messrs. Chant, Hall, W. J. Loudon, McLennan.

Chemistry: Professor Pike; Drs. Ellis, W. L. Miller; Mr. F. B. Allan; Miss J. Balmer.
Mineralogy and Geology : Professor E. J. Chapman ; Mr. W. A. Park.

Biology : Professors A. B. Macallum, R. Ramsay Wright ; Messrs. Bensley, E. C. Jeffrey, McCrae.
Hygiene: Dr. Oldham.

> LAW.

Professors the Hon. David Mills, Hon. Justice Proudfoot.

## MEDICINE.

Professors W. T. Aikins, Cameron, J. Caven, Daniel Clark, Graham, A. B. Macallum, J. M. MacCallum, McFarlane, Ogden, Reeve, Richardson, A. H. Wright ; Drs. Burnham, McDonagh, McKenzie, Spencer, Thistle, Winnett; Messrs. H. W. Aikins, F. B. Allan, Amyot, Bensley, Burnham, Cane, W. P. Caven, Clingan, Ellis, Gordon, Heebner, Hon. David Mills, McDonagh, McPhedran, Peters, Primrose, Spencer, Starr.

THEOLOGY.
Professors Badgley, J. Burwash, N. Burwash, McLaughlin, Reynar, Wallace.

## TRINITY UNIVERSITY.

This university, founded by a Royal Charter in 1852, gives instruction and confers degrees in Arts, Science, Law, Medicine and Theology (Church of England).

All candidates for a degree must pass the matriculation examination.

Women are admitted to the Arts course on the same conditions as men; women studying medicine attend the Woman's Medical College.

The year is divided into two terms, the Lent term beginning on January 1oth and ending on March 21st; the Easter term beginning
on April 13th and ending on June 27th. The tuition fee for each term is \$21.66, and is paid to the Bursar.

Residence in the college buildings is not compulsory, but strongly recommended. The hall of residence for women is St. Hilda's College. The fees for board are $\$ 63.33$ per term, with an entrance fee of $\$ \mathbf{1 2}$. Occasional students are admitted at the discretion of the Lady Principal to take partial courses in one or more subjects.

For further information apply to Miss Patteson, 337 Shaw Street, Toronto.

## Professors and Lecturers.

ARTS.
Languages. - Classical: Professor Huntingford; $M r$. W. H. White.
Modern: Mr. A. H. Young.
Philology: Mr. A. H. Young.
Philosophy: Professor W. Clark. History: Professor Rigby. Elocution: Mr. H. N. Shaw.

SCIENCE.
Mathematics: Professor M. A. MacKenzie.
Physics: Mr. T. H. Smyth. Biology: Mr. Montgomery.
theology.
Professors Cayley, Welch; Mr. Bed-ford-Jones.

## WOMAN'S MEDICAL COLLEGE.

This college, founded in 1883, was affliated with the University of Toronto in 1890.

It gives instruction in all the subjects required by the College of Physicians and Surgeons of Ontario for admission to a license to practice, and also in all the subjects required for examination by the Faculty of Medicine of the University of Toronto.

The recently erected building is situated in Sumach Street, Toronto.

St. Hilda's College is a hall of residence for women students. See above.

For full particulars see the annual announcement of the college, to be obtained from the dean, Dr. R. B. Nevitt.

## Professors and Lecturers.

MEDICINE.
Professors Duncan, Gullen, J. MacCallum, Machell, McMahon, Nevitt, Pyne, J. F. W. Ross, G. B. Smith, Wishart; Lecturers, Drs. Atherton,Boyle,

Chambers, Eadie, Gordon, J. Gray, MacDonald, McKenzie, Powell, Sweetnam, Thistle, Tyrell; Misses Carzon, L. A. Davis; Messrs. Cane, Cleland, Dwyer, Shuttleworth.

## DENMARK.

## COPENHAGEN, Denmark.

## KJOBENHAVNS UNIVERSITET.

There is one university in Denmark, that of Copenhagen, Kjobenhavns Universitet, founded in 1478. It comprises the five Faculties of Arts, Science, Law, Medicine and Theology; the Faculty of Theology confers the degrees of Doctor and Licentiate, the other Faculties that of Doctor only.

Women have been admitted on the same conditions as men since 1875, and may take examinations and degrees in all the Faculties except that of Theology, in which there is a special examination for women.

The conditions for entrance are that the candidate must have passed the matriculation examination of a lyceum, or of a private school having the same privileges; certain other examinations qualify for entrance provided that a supplementary examination be taken. Before taking the special examinations of any Faculty the student must have attended a preparatory course in philosophy for two semesters.

There are two semesters, the first beginning February ist and ending June 9th; the second beginning September 1 st and ending December 22nd.

There are no fees for lectures; the matriculation fee is 22 Kr . ( $\$ 5.94$ ) ; the fee for the Doctor's degree is 160 Kr . (43.20.) Scholarships founded before 1875 are not open to women.

Further information may be found in the Aperçu sur l' Organisation de l'Université de Copenhague, or obtained on application to the rector.

## Professors and Lecturers.

[^1]Classical: Professors Gertz, Ussing; Docents Drachmann, Siesbye.
English: Professor Jespersen; Docent Hansen.

Germanic (Norse, Slavonic): Professors Gudmundsson, Moller, Verner, Wimmer; Docents Jónsson, Saaby. Romance: Professor Nyrop.
Comparative Philology: Professor Thomsen.
Philosophy and Psychology: Professors Hoffding, Kroman ; Docents Lehmann, Wilkens.
History: Professors Erslev, Holm, Steenstrup; Docent Gudmundsson.
Art and Archeology: Professors Lange, Paludan, Schmidt, J. L. Ussing.
History of Literature: Dr. Vedl.
sCIENCE.
Mathematics and Astronomy: Professors Petersen, Thiele, Zeuthen.
Physics: Professor Christiansen.
Chemistry: Professor Jorgensen, Thomsen; Docent E. Petersen.
Mineralogy: Professor N. V. Ussing. Biology: Professor Lütken; Docents Bergh, Levinson, Meinert.

Botany: Professors Pedersen, Warming; Docent Rosenvinge.
Grography: Professor Löffler.
LaW and political science.
Professors Bentzon, Deuntzer, Hansen, Lassen, Matzen, Scharling, Torp, Westergaard; Docent Wilkens.

MEDICINE.
Professors Bohr, Chievitz, Gaedeken, Gram, Grut, Haslund, Hirschsprung, Lange, J. J. Petersen, Plum, Pontoppidan, Reisz, Salomonsen, Saxtorph, Sörensen, Stadfeldt, Studsgaard, With; Docents Bloch, Brïnniche, Holm, Mygge, Nielsen, Tscherning, Wanscher.

THEOLOGY.
Professors Jacobsen, Madsen, Nielsen, Petersen, Scharling; Instructors Paulli, Schepelern.

MUSIC.
Instructor Sanne.

## FRANCE.

Higher education in France is almost entirely under the control of the State. All that remains of the old universities is certain distinct Faculties, the Faculties of Arts (Lettres), Science, Law, Medicine and Protestant Theology, which are both teaching and examining bodies.

There are Faculties of Arts and Science at Aix, Besançon, Bordeaux, Caen, Clermont, Dijon, Grenoble, Lille, Lyons, Montpellier, Nancy, Paris, Poltiers, Rennes and Toulouse; Faculties of Law at Aix, Bordeaux, Caen, Dijon, Grenoble, Lille, Lyons, Montpellier, Nancy, Paris, Poitiers, Rennes and Toulouse ; Faculties of Medicine at Bordeaux, Lille, Lyons, Montpellier, Nancy, Paris and Toulouse ; and Faculties of Theology (Protestant) at Montauban, Paris and Toulouse.

In addition to these there are also certain écoles supérieures, corresponding in some respects to American or English colleges the most important of which are mentioned below (pp. 31-36). These are all controlled by the Ministre de $l$ 'Instruction publique. The facultés libres at Angers, Lille, Lyons, Marseilles, Paris and Toulouse and the écoles libres at Nantes and Paris are more independent institutions.

Each state Faculty confers, in its own subject, the degrees of bachelier, licencié and docteur. The facultés libres and écoles libres give instruction but have no power to confer degrees.

All the courses in all these Faculties and schools, with the exception of the cours fermés, the conférences and the practical work are public, and open free of charge to persons of either sex as hearers (auditeurs).

Permission to attend the cours fermés, the conférences and the practical work as a hearer is given to any applicant who registers his or her name, address and age on a special list at the office of the particular Faculty or school, though any professor may refuse to admit a hearer to his class. Foreigners when making application should show their diplomas.

Women may become registered students (inscrites), i. e., candidates for degrees, on the same conditions as men, that is, they must be bacheliers* de l'enseignement secondaire, either classique or moderne, depending on the Faculty in which they wish to graduate; in the Faculties of Arts, Science (see p. 26), and Medicine the bachelor's degree of a foreign university in general qualifies for registration. The Faculty in which the student wishes to register enquires into the degree held by the student, and if the degree is accepted as equivalent, the student is allowed to register on payment of a sum equal to the amount that would have been paid in fees, if the student had obtained the degree from the French Faculty. The application for a dispensation from the French baccalaureat must be addressed to the Ministre de l'Instruction publique and accompanied by the original diplomas and certificate of birth of the applicant, together with their translations into French made by an official translator. The dispensation, if obtained, costs 120 frs. ( $\$ 24$ ). All registered students must pay a fee of 30 frs. (\$6) quarterly ; if at Paris, to the receveur des droits universitaires, quai des GrandsAugustins, 25; if in the provinces, to a receiver appointed by the Faculty. They must at the same time present to this official a bulletin de versement obtained from the secretary of the Faculty or School they attend.

Attestations d'études supérieures or certificats d'études are given by certain of the Faculties of Arts and Science to hear-

[^2]ers who have attended the courses regularly. In the provinces no requirement is made as to age, sex, nationality, etc., but in Paris the hearer, in order to be eligible for this certificate, must hold the degree of bachelier ès lettres or an equivalent degree.

The diplôme d'études supérieures d'histoire et de géographie of the Faculty of Arts of the Normal School is open without any restrictions as to age, sex, degree, or nationality. The regulations for degrees differ greatly in the different Faculties. In Arts and Science the licence is given one year after the baccalaureat and the doctorat as soon after the licence as the candidate has written and is prepared to sustain two theses.

The examinations in the Faculty of Science have recently been reorganised in such a way as to give greater facilities to foreign students. In addition to being free to offer an equivalent for the French baccalaureat degree, the student is now allowed to select the subjects in which he desires to be examined. He may take his examinations either simultaneously or in succession, and obtain for each a certificat d' étude. Three such certificates may be exchanged for the diplóme de licencié. This gives the student liberty to travel from one university to another and present himself for examination when he wishes.

In this connection it may be well to draw the attention of students to the advantages of less crowded classes and more individual attention from the professors, offered by the Faculties of the provinces compared with those of Paris.

Though not quite all the medical courses are open to women it is not difficult for women doctors of medicine to obtain admittance to the different hospitals, of which there are 24 in Paris alone with accommodation for upwards of 17,000 patients.

University libraries are open to students on presentation of their student's card and to all persons authorised by the rector. The reading room of the Bibliothèque Nationale, Paris, is open to all persons over i6 years of age. To obtain admission to the salle de travail for the study of manuscripts, a special card of admittance from the administrator general is required. Foreigners applying for this card should present a recommendation from their ambassador.

All courses open in the beginning of November and continue nominally for eight or nine months, in general actually for only six or seven.

Hearers pay no fees, registered students pay 30 frs. (\$6) quarterly. The library fee is io frs. (\$2) yearly.

Scholarships (bourses) are as a rule not open to foreigners. The Comité de Patronage des Étudiants Étrangers de Paris has, however, some scholarships of 200 frs . (\$40), and 350 frs. ( $\$ 70$ ), to offer to specially recommended students, the whole sum to be devoted to the payment of fees.

[^3][^4]Further information is to be found in the Annuaire de la Jeunesse by H. Vuibert, (Nony et Cie, 17, rue des écoles, Paris), price 4 frs. ( $\$ .80$ ) ; in the Annuaire de l'Instruction Publique (Delalain frères, 56, rue des écoles, Paris), price 5 frs. (\$I), and in Le Livret de l'Étudiant de Paris, (published by Delalain frères), price II frs. (\$2.20).
An amount of interesting and valuable information is given in L'Enseignement supérieur et l'Enseignement technique en France, by M. Paul Melon (Paris, Libraire Classique Armand Colin et Cie, 1893).

Enquiries may be addressed to The Comité de Patronage des Etudiants Etrangers, Bureaux à la Sorbonne, i5 rue de Sorbonne, Paris. This association, which has branches at Aix, Bordeaux, Lyons, Montpellier, Nancy and Toulouse, in addition to giving advice and help to individual students, devotes itself to furthering the interests of foreign students as a body. In Paris, Aix and one or two other places it has been instrumental in establishing courses in the French language especially for foreigners. Some of these are summer courses.

## PARIS, France.

FACULTÉS DE PARIS.
The old University of Paris, founded in the Middle Ages, survives in the form of the separate Faculties of Arts, Science, Law, Medicine and Protestant Theology. All particulars in regard to these have been given above (pp. 24 et seq.)

# FACULTE DES LETTRES. 

## The Sorbonne, Paris.

Professors and Lecturers.
The *indicates that the course given by the professor is a conference or cours ferme. 'I'he list is taken from the Annuaire de $l^{\prime \prime}$ Instruction publique for 1896 .

Languages. - Classical: Professors Aug. Cartault, Croiset, Decharme, J. Martha; MM. Em. Chatelain, *Hauvette, *Lafaye, *Puech.
English : MM. *Baret, Al. Beljame.
Germanic: M. *Lange.
Romance: Professors Crousle, Gebhart, Lenient, Méziêres, Petit de Julleville; MM. *Dejob, Faguet, *Gazier, Larroumet, Lichtenberger, Thomas.
Comparative Philology: Professor
Henry ; MM. *Brunot, Havet.

Philosophy : Professors Boutroux, Brochard, P. Janet; MM. Egger, *SéaillesRansan.
Soctology : Professor Espinas.
History: Professors Aulard, BonchéLeclercq, Lavisse, Luchaire, Rambaud; $M M$. Denis, Grébaut, Guiraud, Langlois, B. *Zeller,
Art and Archeology : Professor Perrot ; MM. Collignon, Lemonnier.
Geography : Professors Dubois, Himly, Marcel ; M. *Gallois.
Pedagogy: Professor H. Marion; M. *Seignobos.

## FACULTÉ DES SCIENCES.

## The Sorbonne, Paris.

## Professors and Lecturers.

Mathematics and Astronomy: Professors Darboux, Hermite, Picard, H. Poincaré, Tisserand, Wolf; MM. *Andoyer, *Koenigs, *Painlevé, *Puiseux, *Raffy.
Physics: Professors Appell, Boussinesq, Bouty, Lippmann; MM. *Alph. Combes, *Paul Janet, *Jannettaz,*Joly, *Leduc, *Pellat, L. *Poincaré, *Riban, Robin.

Chemistry : Professors Ditte, Friedel, Troost ; MM. *Joannis, *Péchard, Riban.
Mineralogy : Professor Hautefeuille.
Geology and Geography : Professor Munier-Chalmas; M. Velain.
Biology : Professors Bonnier, Dastre, Delâge, Duclaux, Giard, de LacazeDuthiers ; MM. *Chatin, *Daguillon, *Matruchot, *Perrier, *Vélain.

## FACULTE DE DROIT.

## Place du Panthéon, Paris.

Professors and Lecturers.

LAW.
Professors Alglave, Beauregard, Boistel, Bufnoir, Cauwès, Chavegrin, Colmet de Santerre, Cuq, Ducrocq, Esmein, Estoublon, Faure, Garsonnet, Gérardin, Girard, Glasson, Jobbé-Duval,

Lainé, Larnaude, Lefebvre, Le Poittevin, Leveille, Lyon-Caen, Massigli, H. Michel, Léon Michel, Planiol, Renault, Thaller; MM. Chénon, Jay, Leseur, Saleilles, Weiss.

# FACULTÉ DE MÉDECINE. 

Place de l'École-de-Médecine, Paris.

## Professors and Lecturers.

MEDICINE.

Professors Berger, Bouchard, Brouardel, Cornil, Debove, Dieulafoy, Duplay, Mathias Duval, Farabeuf, Alf. Fournier, Gariel, Armand Gautier, Grancher, Guyon, Hayem, Jaccoud, Joffroy, Laboulbene, Landouzy, Lannelongue, Le Dentu, Pajot, Panas, Pinard, Potain, Pouchet, Proust, Raymond, Richet, Sappey, Sée, Straus, Tarnier, Terrier, Tillaux ; MM. Albarran, André, Archard, Auvray, Bar, Baraduc, Baudet, Benoit, Bernard, Bois, Bonnaire, Bouglé, Bourges,Broca, Brault, Chantemesse, Charrin, Chassevant, Chattellier, Courtillier, Critzman, Deharbe, Delahousse, Delbet, Paul Delbet, Deschamps, Desgrez, Duclos, Fredet, Gau-
cher, Geslaud, Gilbert, Gilles de la Tourette, Girode, Glantenay, Gley, Guillemain, Hanriot, Hartmann, Hébert, Heim, Laborde, Lapointe, Launois, Leclerc, Legry,Leh, Lejars, Letulle, Malbec, Marfan, Marie, Marion, Martin-Dürr, Mauclaire, Maugery, Mayet, Maygrier, Menetrier, Mergier, Morau, Morestin, Morin, Mulon, Nélaton, Netter, Pasteau, Petit, Picou, Poirier, Potier, Rabaut, Remy, Retterer, Reynaud, Ricard, Riche, Robineau, Roger, Rondeau, Sandoz, Savariaud, Sebileau, Souligoux, Thérese, Thiery, Thoinot, Tuffier, Varnier, Vincent, Walther, Weil, Weiss, Widal, Wintrebert, Wurtz.

FACULTÉ DE THÉOLOGIE PROTESTANTE.

Boulevard Arago, 83, Paris.<br>Professors and Lecturers.

ThEOLOGY.
Professors Allier, Bonet-Maury, Ehr- Réville, Sabatier, Stapfer, Stroehlin, hardt, Lods, Massebieau, Ménégoz, *J. Vaucber ; M. *Berger.

## FACULTÉS LIBRES DE PARIS.

Rue de Vaugirard, 74, Paris.
These are Catholic institutions giving instruction similar to that given by the state Faculties, but without the power to confer degrees. Students who obtain their instruction from the Faculte's libres are examined by and obtain degrees from the state Faculties. The general regulations, fees, etc., are the same as for the state Faculties. (See pp. 24 et seq.)

The secretary is M. Joseph Chobert, Rue de Vaugirard, 74, Paris.

## Professors and Lecturers.

THEOLOGY.
Semitic Languages: Professor Graffin. Philosophy: Professor Bulliot.
Theology: Professors Auriault, de la Barre, Baudrillart, Beurlier, Boudinhon, Clerval, Fillion, Gasparri, Largent, Pisani, Vigouroux.

LAW AND POLITICAL SCIENCE,
Professors G. Alix, Cauviere, Ch. Chobert, Clotet, Corret, Guyot, Jamet, Lacointa, de Lamarzelle, Larcher, Laurent, Lescoeur, Merveilleux du Vignaux, Taudière, Terrat ; M. Bureau.

ÉCOLE LIBRE DE HAUTES ÉTUDES SCIENTIFIQUES ET

## LITTÉRAIRES.

## Professors and Lecturers.

Languages.-Chinese: Professor Paul Antonini.
Semitic: Professor le baron Carra de Vaux.
Classical: Professors Bertrin, Beurlier, Boxler, Bousquet, Le Chatellier, Lejay, Lelong, Ragon.
Romance: Professors Jacquet, Klein, Margival, Rousselot.
Philosophy: Professors Bulliot, Piat.
History : Professors Baudrillart, Digard.

## SCIENCE.

Mathematics and Astronomy : Professors D'Esclaibes, Nau ; MM. ChaiIan, Fouet. de Lapparent.
Geography: Professors de Lapparent, Pisani.

## COLLEGE DE FRANCE. <br> Place des Écoles, Paris.

This college, open to women since its foundation in $1518-45$, gives instruction in Arts, Science, and Medicine, but confers no degrees. Students desiring certificates of attendance should register their courses.

The first semester begins on the first Monday in December, the second semester begins in the week after Easter and ends between the zoth and 3oth of July.

All the courses are free.
The secretary is M. Abel Lefranc.
Professors and Lecturers.

ARTS.
Languages-Chinese and Tartar: Professor Chavannes.
Semitic: Professors Barbier de Mey. nard, Berger, Duval.
Indo-Iranian: Professor Lévi.

Classical: Professors Boissier, Croiset, Havet.
Germanic: Professor Chuquet.
Romance: Professors d'Arbois de Jubainville, Deschanel, Meyer, Paris; M. Morel-Fatio.

Slayonic: Professor Léger.
Comparatiye Philology: Professor Bréal.
Philosophy : Professors Lévêque, Nourisson, Ribot, Tannery, Thamin ; $M$. Janet.
History of Religions: Professor Réville.
Political Science: Professors Flach, Leroy-Beaulieu, Levasseur, Longnon.
Art and Archeology: Professors Cagnat, Clermont-Ganneau, Foucart, Guillaume, Maspero, Oppert ; M. Lafenestre.

SCIENCE.
Mathematics and Astronomy : Professors Jordan, Lévy ; M. Koenigs. Physics: Professors Angot, Bertrand, Mascart ; M. Deprez.
Chrmistry : Professors André, Berthelot, Schützenberger.
Grology and Geography: Professors Fouqué, Longnon.
Brology: Professors Balbiani, Henneguy, Marey; M. Franck.
General History of the Sciences: Professor Lafitte.

MEDICINE.
Professors d'Arsonval, Ranvier.

## ÉCOLE DU LOUVRE.

## The Louvre, Cour Lefuel (ancienne Cour Coulaincourt), Paris.

The object of this school is to give instruction in regard to the collections in the Louvre and to educate librarians and custodians in the history of art and archæology. The instruction is given in the form of conférences.

Regular students and hearers are admitted on application to the secretary of the school (pavillon de l'Horloge, au Louvre), from whom cards of admission can be obtained.

The full course lasts three years, the lectures in each year beginning in the first week of December and ending about the 15 th of June.

All the lectures are free.

## Professors and Lecturers.

Archelelogy: Professors Bertrand, Heuzey, Pierret; M. Pottier.

History of Art : Professors Courajod, Lafenestre, Molinier.
Inscriptions: MM. Ledrain, Revillout.

## ÉCole libre des sciences politiques.

## Rue Saint Guillaume 27, Paris.

This school is established for the training of diplomatists, consuls, ambassadors, etc., in Administration, Finance and kindred subjects.

Students and hearers are admitted without a degree and without undergoing any examination. The school is intended for men only, and it is probable that women would not be admitted unless under very exceptional circumstances.

The academic year begins in the second week of November and ends on June 8th.

The general secretary is M. Сн. Dupurs, rue Saint Guillaume, 27, Paris.

## Professors and Lecturers.

Administration: Professors Alix, le Vavasseur de Précourt, Romieu.
Finance: Professors Arnauné, Boulanger, de Colonjon, Courtin, Lévy, Plaffain, René Stourm.
Commercial and Statistic GeograPHY: Professors de Foville, Levasseur. Political and Social Economy : Professors Cheysson, Dunoyer.
Legislation: Professors Lyon-Caen, Dietz, Flach, Paulet, Romieu.
Geography and Ethnography : Professor Gaidoz.
Geography and Military Organisation : $M$. le Commandant Leblond.

History of Diplomacy and of Public Opinion : Professors Funck-Brentano, Levy-Brühl, Koechlin, Rambaud, Renault, Christian Schefer, Sorel, Vandal.
Gonstitutional Law : Professors Benoist, André Lebon.
Modern Europe: Professor LeroyBeaulieu.
Colonial Questions: Professors Cordier, Houdas, Pelet, Silvestre, Wilhelm.
Modern Languages: Professors Cart, Houdas, Leger, Morel.

## École nationale des chartes.

Palais des Archives, rue des Francs-Bourgeois, Paris.
This is a school of Archæology. French students are admitted on the results of a competitive examination; foreigners are admitted on presenting a diploma equivalent to that of the bachelier ès lettres. The number of students is limited to 20 .

Students who have taken the three years' course and passed each of the two examinations in each year, and presented a satisfactory thesis, obtain a diploma (diplồme d'archiviste paléograpphe.) The school is open to women on the same terms as to men.

The academic year begins at the end of November and lasts till the first of August.

All the courses are public and free.
For information apply to the secretary, Ecole des Chartes, Palais des Archives, rue des Francs-Bourgeois, 58, Paris.

## Professors and Lecturers.'

Philology : Professor Paul Meyer.
Bibliography : M. Mortet.
Diplomacy: Professor Giry. Political Institutions: Professor Roy.

History : Professors Molinier, Viollet. Archeology : Professor de Lasteyrie. Paleography: Professor Gautier. Archives: M. Desjardins.

## ÈCOLE PRATIQUE DES HAUTES ÉTUDES.

The object of this institution, which was founded in 1868 , is to provide opportunities for practical work in connection with the lectures given at the Collège de France, the Sorbonne, the Muséum d'histoire naturelle, the Faculty of Medicine, etc. The courses of the school are held at these various institutions, and the laboratories for the purposes of instruction and research are situated in various parts of Paris and at different places on the coast (Villefranche, Wimereux, Marseilles, Celte.)

The courses are open free without any restrictions as to age, degree or nationality; but a year's probation is necessary before the title of élève titulaire is conferred. Certain professors reserve the right of refusing to admit women to their classes, but with the exception of a few hospital courses, practically all are open to women.

There are five independently organised sections, the second and third of which (those of Physics, Chemistry and Natural Science), consist entirely of laboratory courses.

It is intended that students should attend the courses for three years. The academic year begins on the ist of November and ends on the 3oth of June.

Enquiries should be addressed to the Secrétariat de la Faculté des Sciences, à la Sorbonne.

## Professors and Lecturers.

first section: mathematical sciences.
Professors Hermite, *Koenigs, *Puiseux, *Raffy, Tisserand.
SECOND SECTION: PHYSICO-CHEMTCAL SCIENCES.
(The courses in this and the following section are all laboratory courses.)
Physics: Professors Bouty, Lippmann,
Violle; $M M$. Abraham, Brillouin, Guillard, Guillet, Maneuvrier.

Chemistry: Professors Berthelot, Duclaux, Friedel, Joly, Moissan, Schützenberger, Troost ; MM. Brizard, Burais, Chamberland, Didier, Griner, Martin, Mesnil, Monthreuil-Jacquart, Mourlot, Péchard, Pottevin, Rivals, Roux.
Mineralogy: Professors Hautefeuille, Lacroix; M. Perrey.
third section : NATURAL SCIENCES.
Physiological Psychology: Professor Binet; MM. *Henry, Philippe, Courtier.
Geology and Geography : Professors Fouqué, Gosselet, Munier-Chalmas; M. Rivière.

Biology : Professors d'Arsonval, Barrois, Bonnier, Bureau, Dastre, Filhol, Giard, Laborde, Lacaze-Duthiers, Marey, Milne-Edwards, Marion, Perrier, Ranvier, Van-Tieghem; MM. Arthaud, Beauregard, Bernard, Brumpt, Chauveau, Delage, Dufour, Franchet, Grèhant, Hénocque, Jolly, J. Jolly, Lépine, Malassez, Manouvrier, Poisson,*Rémy Saint-Loup, Roché,*Roussy, Sabatier, Schudzinski.
Medicine: Professors Dareste de la Chavanne, Javal, Franck; MM. Lamy, Tscherning.

FOURTH SECTION: HISTORICAL AND PHILOLOGICAL SCIENCES.
(Office and Lecture Room at the University Library, The Sorbonne.)
Languages.-Ethiopian and HimyArite: M. Halévy.

Semitic: Professor Carrière ; M. Derenbourg.
Indo-Iranian : MM. Finot, Lévi, Meillet.
Classical: Professors Havet, Lebegue, de Nolhac, Tournier ; MM. Chatelain, *Desrousseaux, Jacob.
Romance: Professors Gaidoz, Paris; MM. Morel-Fates, Thomas.

Comparative Philology : MM. *Duvau, Gilliéron, Lebėgue, *Meillet, de Nolhac, *Passy, Psichari.
Philosophy: M. *Soury.
History : Professor G. Monod ; MM.
*Bémont, Giry, Roy, Thévenin.
Art and Archeology: Professors Clermont-Ganneau, Héron de Villefosse, Oppert ; MM. Guieysse, Haussoullier, *Scheil.
fifth section: religious sciences.
(Office and Lecture Room at the University Library, The Sorbonne.)
Theology: Professor Albert Réville; MM. *Amélineau, *Berthelot, Deramey, Derenbourg, Esmein, de *Faye, *Foucher, Lévi, *Marillier, *Picavet, A. Quentin, G. Raynaud, Jean *Réville, de Rosny, Sabatier, Vernes.

## ÉCOLE SPÉCIALE DES LANGUES ORIENTALES VIVANTES.

Rue de Lille, 2, Paris.
The object of this school, founded in 1795 , is to give instruction in modern oriental languages for political and commercial purposes.

Regular students must be bacheliers ès sciences or ès lettres between 16 and 24 years of age and of French nationality. Exceptions are sometimes made in respect to age and nationality.

The courses and diploma (diplóme d'élève breveté) are open to women.

The lectures begin early in November and the course lasts three years.

All the lectures are public and free of charge.
For further information apply to the secretary, rue de Lille, 2, Paris.

## Professors and Lecturers.

Oriental Languages: Professors Bonet, Boyer, Carrière, Cordier, Derenbourg, Devéria, Houdas, Legrand, Barbier de Meynard, Picot, León de

Rosny, Schefer, Vinson ; MM. Kalpakdjian, Marre, Marumo, Aboul Nasr, Pernot, Ravaisse, Stchoukine, Lien Young.

## MUSÉUM D' HISTOIRE NATURELLE.

> Jardin des Plantes, rue Cuvier, 57, Paris.

The Muséum d' histoire naturelle was founded in 1626 for the purpose of making scientific collections and for research. Each department is in the charge of a professor, and each professor is obliged to give 40 public lectures yearly on the subject with which his department deals.

The courses are unconditionally open to the public. Regular hearers, by producing certificates of attendance from the professors, may obtain cards which give them access for a year to the galleries and collections. For the conferences and practical work, registration is required, but diplomas are not necessary. Botanical and entomological excursions into the country are arranged weekly during the summer months. Lectures begin on April 23d.

Secretary, M. H. Chatelain, Muséum d' Histoire Naturelle, Jardin des Plantes, rue Cuvier, 57, Paris.

## Professors and Assistants.

Physics : Professor Becquerel ; M. Berthelot.
Chemistry: Professor Arnaud; M. Bourgeois.
Mineralogy: Professor Lacroix; M. Jannettaz.
Geology and Geography : Professors Gaudry, Meunier ; MM. Boule, Ramond.
Biology : Professors Bouvier, Bureau, Dehérain, Filhol, Grehant, Hamy, Milne-Edwards, Perrier, Vaillant,

Van-Tieghem, Ville; MM. Bernard, Beauregard, Brongniart, Gervais, Gley, Künckel d'Herculais, Maquenne, Mocquard, Morot, Oustalet, Poisson, Renault, Roux, Sauvinet, Trémeau de Rochebrune, Verneau.
Agriculture : Professor Comu; M. Bois.
Pathology: Professor Chauveau; M. Phisalix.
Drawing: M. Fremiet.

## THE FRENCH PROVINCES.

The following is a list of the professors in the different Faculte's of the French provinces. The organisation of these Facultés is exactly the same as at Paris, and is described pp. 24-28.

## AIX, France.

## ACADÉMIE D'AIX.

This academy, dating from the $13^{\text {th }}$ century, comprises the Faculties of Arts and Law, situated at Aix, and the Faculties of Science, Law and Medicine at Marseilles.

There is a branch of the Comité de Patronage des Étudiants Etrangers at Aix and by its means courses in French language and literature especially for foreigners have been arranged.

## FACULTÉ DES LETTRES D'AIX. <br> Professors and Lecturers. <br> ARTS.

Languages.-Semitic: $M$. de Duranti Literature: Professor Joret. La Calade.
Classical : Professor Constans; MM. Brenous, *de Ridder.
Romance: Professors Constans, Ducros; M. Bonafous.

Philosophy : Professor Dumesnil. Political Economy: M. Perreau. History : Professors *Clerc, Guibal. Archeology : $M$. de Ridder. Geography : M. Girbal.

## FACULTÉ DE DROIT D'AIX.

This Faculty shows a tendency to become less of a professional school and more a school of Political Science.

## Professors and Lecturers.

Political Science: Professor Jourdan; lon, Bry, Gautier, Jourdan, Lacoste,
$M$. Perreau.
LAW.
Professors Audinet, Bouvier-Bangil-

Moreau, Pison, Vermond ; MM. CésarBru, Perreau, de Pitti-Ferrandi, Thé. lohan.

## FACULTE DES SCIENCES DE MARSEILLE.

Connected with this Faculty is the Marine Zoölogical Laboratory at Endoume and a large astronomical observatory.

## Professors and Lecturers.

SCIENCE.
Mathematics and Astronomy: Professors Charve, Sauvage, Stephan ; $M$. Jamet.
Physics: Professors Macé de Lépinay, Pérot; MM. Fabry, Vayssière.
Chemistry: Professors Duvillier, Reboul; MM. Berg, *Perdrix.
Mineralogy : Professor Vasseur.

Geology : Professor Vasseur.
Biology: Professors Heckel, Marion; $M M$. Gourret, Jourdan, *Jumelle, Leger, Vayssiére.
Agriculture : Professor Pauchon. LAW.
Professors Bouvier-Bangillon, de PittiFerrandi.
école de médecine et de pharmacie de plein exerCICE DE MARSEILLE.

## Professors and Lecturers.

MEDICINE.
Professors Boinet, Bouisson, Caillot de Poncy, Chapplain, Combalat, Domergue, Fallot, Gourret, Heckel, Jourdan, Laget,

Livon, Magon, Nepveu, Queirel, Rietsch, Roux père, Vigneron, Villard, Villeneuve ; MM. Alezais, Arnaud, Benet, Berg, Gerber, Laplane, Roux fils.
faculté libre de droit de marseille.
This Faculty was founded in 188i.
Professors and Lecturers.
Political Science: Professor Peyron. de Vauplane, Delobre, Fabre, *de Fonscolombe, Gourdez, Just Guigou, LaugierRavanas, Perrin, Peyron, Pierre, Thu$\min$; M. Gabriel Guigou.

## BESANÇON, France.

## académie de besançon.

This is a small academy, founded in 1422, comprising Faculties of Arts and Science and a Preparatory School of Medicine. Total number of students, 194 .

## FACULTÉ DES LETTRES DE BESANÇON. <br> Professors and Lecturers.

ARTS.
Languages. -Classical : Professor Na geotte; MM. Lévy-Wogue, Vernier.
Germanic: M. Kontz.
Philosophy: Professor Colsenet.

Romance: Professor Droz.
Literature : Professors Boucher, Nageotte.
History and Geography: Professors Pingaud, Sayous.

## faculté des sciences de besançon. Professors and Lectarers.

SCIENCE.
Mathematics and Astronomy : Pro- Mineralogy and Geology : M. Chu-

Chemistry : Professor Boutroux; $M$.

* Genvresse.
deau.
Biology : Professors Charbonnel-Salle, Magnin.
école préparatoire de médecine et de pharmacie DE BESANÇON.
Professors and Lecturers.

MEDICINE.
Frofessors Boisson, Bolot, Chapoy, Druhen, Gauderon, Magnin, Mandereau,

Roland, Saillard, Thouvenin ; MM. Bruchon, Colléatte, Fillion, Heitz, Morin, Prieur.

## BORDEAUX, France.

ACADÉMIE DE BORDEAUX.
This academy, founded in 144 I , comprises Faculties of Arts, Science, Law, Medicine and Pharmacy. In addition to the usual laboratories and museums, there is a School of Chemistry Applied to Manufactures and Agriculture, a School of Industrial Electricity, an Astronomical and Meteorological Observatory at Florac, and a Zoölogical Laboratory at Arcachon.

There is a branch of the Comite de Patronage des Étudiants Eitrangers in Bordeaux, secretary, Professor Duguit.

FACULTÉ DES LETTRES DE BORDEAUX.
Professors and Lecturers.
ARTS.
Languages. - Classical: Professors Ouvre, Waltz; MIM. *de la Ville de Mirmont, *Zyromski.
Germanic : M. Legras.
Romance: Professors Bourcier, Stapfer ; M. *Le Breton.
Literature : Professor de Tréverret.
Comparative Philology: M. Masqueray.

Prilosophy: Professor Espinas; MM. Hamelin, *Rodier.
Socıology : M. Durkheim.
History : Professors Denis, Imbart de la Tour, Jullian, Radet; M. Marion.
Art and Archeology: Professor Paris; M. Bouvy.
Geography : Professor Gebelin.
Pedagogy: M. Durkheim.

## FACULTÉ DES SCIENCES DE BORDEAUX.

## Professors and Lecturers.

SCIENCE.
Mathematics and Astronomy : Frofessors Brunel, Hadamard, Rayet; MAI. Picart, Giraud.
Physics: Professors Duhem, Morisot; M. Gossart.

Chemistry : Professors Gayon, Joannis; MAM, Auger, Vèzes.
Mineralogy : Professor Fallot; $M$. Goguel.
Geology : Professor Fallot.
Biology : Professors Millardet, Pérez; MII. Devaux, Kunstler.

# FACULTÉ DE DROIT DE BORDEAUX. 

 Professors and Lecturers.Political Science: Professor SaintMarc.
Law: Professors Barckhausen, BaudryLacantiuerie, de Boeck, Despagnet,

Duguit, Le Coq, Levillain, de Loynes, Marandout, Monnier, Saignat, SaintMarc, Vigneaux ; M. Didier.

## FACULTÉ MIXTE DE MÉdECINE ET DE PHARMACIE DE BORDEAUX.

Professors and Lecturers.

## MEDICINE.

Professors Arnozan, Badal, Bergonié, Blarez, Boursier, Bouchard, Coyne, Demons, Dupuy, Ferré, Guillaud, Jolyet, Lanelongue, Layet, Masse, Morache,

Moussous père, de Nabias, Picot, Piéchaud, Pitres, Vergely, Viault ; MM. Denigès, Denucé, Dubreuilh, Moure, Moussous fils, Pousson, Régis, Riviére.

CAEN, France.

## ACADÉMIE DE CAEN.

This academy, founded in 1437, comprises Faculties of Arts, Science, Law, and a Preparatory School of Medicine and Pharmacy. There is a Marine Laboratory at Luc-sur-Mer, open all the year.

## FACULTE DES LETTRES DE CAEN. <br> Professors and Lecturers.

ARTS.

Languages.-Classical: Professors Lehanneur, Lemercier.
Romance: Professor Gasté; MM. Chammard, Souriau.
Literature: Professor Büchner.
Comparative Philology: M. *Huguet.

Philosophy: Professor Mabilleau.
History : Professor Tessier; M. Toutain.
Art : Professor Gasté.
Science and Geography : M. Camena d'Almeida.

## FACULTÉ DES SCIENCES DE CAEN.

Professors and Lecturers.

SCIENCE.
Mathematics and Astronomy : Professors Riquier, de Saint-Germain ; $M$. *Lelieuvre.
Physics: Professor Neyreneuf; M. *Marchis.

Chemistry : Frofessor Louise; M. *Besson.
Geology : Professor Bigot.
Biology: Professors Joyeux-Laffuie, Lignier, MM. *Huet, *Léger.

## FACULTÉ DE DROIT DE CAEN.

## Professors and Lecturers.

Political Science: Professor Villey;
M. Grandmoulin.

LAW.
Professors Biville, Bouvier, Cabouat,

Carel, Danjon, Gauckler, Guillouard, Laisné-Deshayes, Lebret, Marie, Toutain, Villey ; M. Ambroise Colin.

ÉCOLE PRÉPARATOIRE DE MÉDECINE ET DE PHARMACIE DE CAEN.

Professors and Lecturers.
medicine.
Professors Aurray, Barette, Catois, Charbonnier, Demerliac, Fayel-Deslong-
rais, Gidon, Guillet, Louîse, Moutier, Pihier; MM. Besson, Chevrel, Gosselin, Gramond, Noury, Vigot.

## CLERMONT-FERRAND, France.

## ACADÉMIE DE CLERMONT.

This is a small academy, founded in 1808 , comprising Faculties of Arts and Science, and a Preparatory School of Medicine and Pharmacy. Total number of students, 163 .

FACULTÉ DES LETTRES DE CLERMONT.

## Professors and Lecturers.

ARTS.
Languages. Classical: Professor
Baron; M. *Audollent.
English : M. *Mabieu.
Romance : Professor des Essarts; M. Leclerc.
Literature: Professor Ehrhard.

Comparative Philology : M. *Colardeau.
Philosophy: Professor Joyau.
History: Professor Desdevises du Dézert ; MM. Gobin, Hauser.
Paleography: M. Rouchon
Geografhy : Professor Desdevises du Dézert.

## faculté des sciences de clermont.

SCIENCE.
Mathematics and Astronomy : Professor Pellet; M. Le Cordier.
Physics : Professors Guichard, Hurion ; M. *Lugol.

Chemistry : Professor Parmentier; $M$. *Duboin.
Mineralogy and Geology : Professor Julien.
Brology : Professors Girod, Poirier.

ÉCOLE PRÉPARATOIRE DE MÉdECINE ET DE PHARMACIE DE CLERMONT.
MEDICINE.
Professors Bousquet, Dourif, Fouriaux, Gagnon, Girod, Huguet, Lepetit, Plan-
chard, Rocher, Tixier, Truchot ; MM. Bruyant, Lafont, Maurin, Mosnier.

## DIJON, France.

## ACADÉMIE DE DIJON.

This academy, founded in 1722, comprises Faculties of Arts, Science and Law, and a Preparatory School of Medicine and Pharmacy. Total number of students, 484 .

## faculté des lettres de dijon. <br> Professors and Lecturers.

ARTS.
Languages.-Classical: Professors Do- Comparative Philology: M.*Lambert. rison, Royer.
Romance: MM. Roy, Lame.
Literature: Professor d'Hugues.

Philosophy: Professor Adam. History: Professor Gaffarel; M. Stouff. Geography: Professor Gaffarel.
faculté des sciences de dijon.
Professors and Lecturers.

SCIENCE.
Mathematics and Astronomy : Professors Méray, Duport.
Chemistry: Professor Recoura; $M$. Pigeon.

Physics: $M M$. Bagard, Brunhes. Mineralogy and Geology: Professor Collot.
Biology: Professors Émery, Jobert; M. Bataillon.

## FACULTÉ DE DROIT DE DIJON.

Professors and Lecturers.

Polltical Science: Professor Mongin ; $M$. Truchy.
Law: Professors Bailly, Bonneville, Duverdier-de-Suze, Gaudemet, Gény,

Louis-Lucas, Renardet, Saleilles, Tissier ; MM. Deslandres, Desserteaux, Mongin, Moulin, Stouff.

ÉCOLE PRÉPARATOIRE DE MÉDECINE ET DE PHARMACIE
Professors and Lecturers.

MEDICINE.
Professors Broussolle, Collette, Deroye, Gautrelet, Laguesse, Misset, Parizot,

Pauffard, Tarnier, Viallanes; MM. Brunhes, Cottin, Hébert, Lagoutte, Pigeon, Quioc.

## GRENOBLE, France.

## ACADÉMIE DE GRENOBLE.

This academy, founded in 1339, comprises the Faculties of Arts, Science and Law, and a preparatory School of Medicine and Pharmacy. The number of students is $4^{6} 4$.

FACULTÉ DES LETTRES DE GRENOBLE.
Professors and Lecturers.

ARTS.
Languages.-Classics : Professors Bertrand, Dugit ; MM. *Bardot, *Chabert.
English : M. *Mathias.

Romance: Professor Morillot; M.
Hauvette.
Literature: Professor Besson. Philosophy : Professor Charaux. History and Geography: Professor de Crozals.

FACULTÉ DES SCIENCES DE GRENOBLE.
Professors and Lecturers.

SCIENCE.
Mathematics and Astronomy : Professors Astor, Collet; $M$. *Cousin.
Physics : Professor Pionchon; $M$. *Beaulard.

Chemistry : Professor Raoult; $M$. *Chavastelon.
Mineralogy and Geology : Professor Kilian.
Biology : Professors Lachmann, Pruvot.

FACULTÉ DE DROIT DE GRENOBLE.
Professors and Lecturers.

Political Science : $M$. Reboud.
Law: Professors Beaudouin, Fournier, Guétat, Gueymard, Michoud, Pillet,

Tartari, Testoud; MM. Balleydier, Beudant, Capitant, Cuche, Hitier.

## École preparatoire de médecine et de pharmacie DE GRENOBLE.

Professors and Lecturers.
MEDICINE.
Professors Allard, Berlioz, Bordier, Pionchon, Porte, Turel, Verne ; $M M$. Gallois, Girard,Labatut, Nicolas, Pégoud, Baboin, Deschamps, Dodero, Douillet.

## LILLE, France.

## ACADÉMIE DE LILLE.

This is a large academy, founded in 1808 , and comprising free and state Faculties of Arts, Science, Law and Medicine, and a free Faculty of Catholic Theology.
faculté des lettres de lille.
Professors and Lecturers.

ARTS.
Languages. - Classical : Professor Slavonic: M. Haumant. Thomas; MM. Couvreur, *Dautre- Philosophy: Professor Penjon; M. mer, Dufour.
English: Professor Angellier ; MM Chevrillon, Derocquigny.
Germanic: Professor Pinloche.
Romance: Professors Langlois, Moy; M. *Dupont.

Blondel.
History : Professors Fabre, Flammermont ; $M$. Petit-Dutaillis. Archeology: $M$. Fougères. Geography : Professor Cons.

## FACULTÉ DES SCIENCES DE LILLE. <br> Professors and Lecturers.

science.
Mathematics and Astronomy : Pro- Mineralogy: Professor Gosselet. fessors Demartres, Petot, Souillart ; M. Geology : Professor Gosselet ; M. BarBorel.
Physics: Professor Damien; MM. Camichel, Swyngedauw.
Chemistry : Professors Buisine, Willm; MM. Matignon, Pélabon.
rois.
Biology : Professors Bertrand, Hallez; $M M$. Prouho, Queva.
Agriculture: Professor Buisine.

FACULTE DE DROIT DE LILLE.
Professors and Lecturers.

Polutical Science: M. Deschamps.
Law: Professors Bourguin, Drumel, Féder, de Folleville, Garçon, Jacquey,

Lacour, Mouchet, Vallas ; MM. Collinet, Jacquelin, Peltier, Wahl.

# FACULTÉ MIXTE DE MÉdECINE ET DE PHARMACIE DE LILLE. 

## Professors and Lecturers.

MEDICINE.

Professors Barrois, Baudry, Castiaux, Combemale, Debierre, Doumer, Dubar, Folet, Gaulard, Lambling, de Lapersonne, Leloir, Lemoine, Leroy, Les-
coeur, Lotar, Moniez, Morelle, Wertheimer; MM. Bayrac, Bedart, Carlier, Charmeil, Curtis, Deroide, Laguesse, Oui, Phocas, Surmont.

## FACULTE LIBRE DES LETTRES DE LILLE.

Professors and Lecturers.
ARTS.
Languages. - Classical: Professors Comparative Philology: Professor

Hérengt, Rambure.
Romance: Professor Charaux.
Literature: Professors Gahide, Looten.
Rhetoric: Professor Baunard.

Cliquennois.
Philosophy: Professor de Margerie.
History and Geography: Professor Canet.

FACULTE LIBRE DES SCIENCES DE LILLE.
Professors and Lecturers.
SCIENCE.
Mathematics and Astronomy: Pro- Mineralogy and Geology : Professor
fessors de Salvert, Villié; M. Stoffaes.
Physics: Professors Delenser, Witz.
Chemistry: Professors Schmitt.

Bourgeat.
Biology: Professors Boulay, Maurice, Van-Oye.

## FACULTE LIBRE DE DROIT DE LILLE. Professors and Lecturers.

Law: Professors Arthaud,Béchaux, Delachenal, Gand, Groussau, Lamache, Ory, Pillet, Rothe, Selosse, Trolley de

Prévaux, Vanlaer, Vareilles-Sommiéres; MM. Cavrois, Corbie, Payen, Maurice Vanlaer.

## FACULTÉ LIBRE DE MÉDECINE ET DE PHARMACIE DE LILLE.

Professors and Lecturers.

| MEDICINE. | Eustache, Faucon, Guermonprez, Lay- |
| :---: | :---: |
| Professors Augier, Baltus, Bernard, | rand, Lenoble, Lienhart, Redier, Rogie, |
| Bouchaud, Boulay, Desplats, Duret, | Schmitt, Witz; M. Dujardin. |

LYONS, France.
ACADÉMIE DE LYON.
This academy, founded in 1808 , is large and important, comprising state and Catholic Faculties of Arts, Science, Law, a Faculty of Catholic Theology, and a Faculty of Medicine, founded in 1876 , which, with its large hospitals and excellent laboratories, is second only to that of Paris.

A branch of the Comité de Patronage des Étudiants Étrangers has been formed at Lyons : secretary, Professor Thallers.

# FACULTE DES LETTRES DE LYON. 

## Professors and Lecturers.

ARTS,
Languages.-Indo-Iranian : Professor Regnaud.
Classical: Professors Allégre, Fabia, Jullien; $M$. *Legrand.
English: M. *Legouis.
Germanic: $M$. Gruber.
Romance: Professors Cledat, Fontaine ; $M$. Texte.
Literature: Professor Firmery.
Comparative Philology: Professor
Regnaud; M. *Durand

Philosophy: Professor Bertrand; M. Hannequin.
History : MM. Mariejol, Waddington.
Art and Archeology: Professors Bloch, Coville; $M M$. Cledat, Holleaux, Legrand, *Loret.

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SCIENCE.
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Geography : $M M$. Depéret, Schirmer.
Ethnology : $M$. Chantre.
Pedagogy : M. *Chabot.

## faculté des sciences de lyon.

Professors and Lecturers.

SCIENCE.
Mathematics and Astronomy : Professors Allégret, André, Lafon; MM. *Autonne, Flamme, Gonnessiat.
Physics: Professor Gouy ; M. *Houllevigue.

Chemistry : Professors Barbier, Raulin; MM. *Bouveault, *Vignon.

Mineralogy: Professor Offret.
Geology : Professor Depéret.
Biology: Professors Dubois, Gérard, Koehler; MM. *Caullery, *Sauvageau. Agriculture: Professor Raulin.

## FACULTÉ DE DROIT DE LYON.

## Professors and Lecturers.

Political Economy: Professor Rougier; M. Souchon.

Law: Professors Ch. Appleton, Audibert, Bartin, Berthélemy, Caillemer, Co-
hendy, Flurer, Énou, Garraud, Mabire, Pic; MM. *Henri Appleton, Jean Appleton, Lacassagne, Souchon.

# FACULTÉ MIXTE DE MÉDECINE ET DE PHARMACIE DE LYON. 

## Professors and Lecturers.

MEDICINE.
Professors Arloing, Augagneur, Bard, Bondet, Cazeneuve, Crolas, Florence, Fochier, Gailleton, Gayet, Hugounenq, Lacassagne, Lépine, Lortet, Mayet, Morat, Monoyer, Ollier, Pierret, M. Pollosson, Poncet, Renaut, Soulier, Teissier, Testut,

Tripier; MM. Barral, Beauvisage, Boyer, Collet, Condamin, Courmont, Curtillet, Devic, Didelot, Doyon, Durand, Gangolphe, Laroyenne, Moreau, Aug. Pollosson, Rochet, Rollet, Roque, Roux, Siraud, Vallas, Weill.

# FACULTÉ LIBRE DES LETTRES DE LYON. <br> Professors and Lecturers. <br> ARTS. <br> Languages.-Classical: Professors De- Comparative Philology: Professor <br> Romance: Professors Condamin, Del- <br> vaux, Forest, Gonnet. mont. <br> Literature : Professor Frintz. <br> Lepitre. <br> Philosophy : Professor Reure. <br> History and Archeology : Professor Léotard. 

faculté libre des sciences de lyon.
Professors and Lecturers.
science. Physics: Professor Chassy.
Mathematics and Astronomy : Pro- Chemistry : M. Lepercq. fessors Berloty, Magnus de Sparre, Geology : Professor Berthaud. Onofrio, Valson.

Biology : Professors Donnadieu, Morin.

## FACULTÉ LIBRE DE DROIT DE LYON.

Professors and Lecturers.

Political Science : Professor Rambaud.
Law : Professors Beaune, Boucaud, Gai-
ral, Hostache, Jacquier, de Lajudie,

Mouterde, *Perrin, *Poidebard, Richard, Roux, Wies ; $M M$. Brun, Rivet, Roux, Voron, *Wies.

FACULTÉ LIBRE DE THÉOLOGIE DE LYON.
Professors and Lecturers.
theology. Chambost, Chevallier, Dumas, Jacquier, Professors Belon, Blanc, Bourchany, Lémann, Vernet.

## MONTPELLIER, France.

## ACADÉMIE DE MONTPELLIER.

This academy, founded in the twelfth century, comprises Faculties of Arts, Science, Law and Medicine, and is large and important. There are good laboratories and hospitals and some scientific institutes.

The branch of the Comité de Patronage des Étudiants Eitrangers has arranged free practical courses for the benefit of foreigners. The secretary of the Comité is Professor Flahaut.

## FACULTÉ DES LETTRES DE MONTPELLIER.

Professors and Lecturers.

ARTS.
Languages. - Classical: Professors Bonnet, Maury ; M. Reynaud. Germanic: $M$. Fécamp.
Romance: Frofessor Rigal; $M M$. Chabaneau, Vianey.
Literature : Professor Castets.

Comparative Philology : M. Grammont.
Philosophy : Professor Milhaud.
History : Professor Gachon; M. Pelissier.
Archefology: MM. Berthelé, Lechat. Geography: M. Malavialle.

## FACULTÉ DES SCIENCES DE MONTPELLIER.

## Professors and Lecturers.

science.
Mathematics and Astronomy : Professors Dautheville, Fabry; M. *Cartan. Physics: Professors Crova, Meslin.
Chemistry: Professors de Forcrand,
Oechsner; M. de Coninck.
Mineralogy : Professor Delage; M. Curie.
Geology : Frofessor Delage.
Biology : Professors Flahault, Sabatier; M. *Soulier.

## FACULTE DE DROIT DE MONTPELLIER.

## Professors and Lecturers.

Political Science: Professor Gide; Chausse, Glaize, Laborde, Laurens,
$M$ Brouilhet.
Law: Professors Brémond, Charmont, Meynial, Valabrégue, Vigié; MM. Barde, Declareuil, Valéry.

FACULTÉ DE MÉDECINE DE MONTPELIER.
Professors and Lecturers.

MEDICINE.
Professors Bertin-Sans, Bosc, Carrieu, Ducamp, Estor, Forgue, Gilis, Granel, Grasset, Grynfeltt, Hamelin, Hédon, Imbert, Mairet, Sarda, Tédenat, Truc,

Vialleton, Ville; MM. Baumel, Brousse, Delezenne, François, Galavielle, Lapeyre, Lecercle, Moitessier, Mouret, Puech, Rauzier, de Rouville, Vallois, Vires.

NANCX, France.

## ACADÉMIE DE NANCY.

This academy, founded in 1572 , comprises the Faculties of Arts, Science, Law and Medicine, a School of Pharmacy, and a Professional School. There is an influential branch of the Comite de Patronage des Étudiants Étrangers at Nancy, which has done much for the benefit of foreign students.

## FACULTE DES LETTRES DE NANCY.

## Professors and Lecturers.

ARTS.
Languages. - Classical: Professors Thiaucourt, Martin ; M. *Collignon, *Couve.
Germanic: M. *Lichtenberger.
Romance: Professor Krantz; M. Archeology : Professor Diehl. Étienne.

Literature: Professor Grucker.
Comparative Philology ; M. *Cousin. Philosophy: M. Souriau.
History : Professors Diehl, Pfister; M. Pariset.

Geography : Professor Auerbach.

## FACULTÉ DES SCIENCES DE NANCY.

Professors and Lecturers.
SCIENCE.
Mathematics and Astronomy : Pro-
fessors Floquet, Molk; MM. *de Tannenberg, *Vogt.
Physics: Professors Bichat, Blondlot; M. *Perreau.

Chemistry: Professors Arth, Haller, Petit ; MM. Guntz, *Müller.

Mineralogy : Professor Thoulet.
Geology and Geography : MM. Millot, Nicklés.
Biology : Professors Friant, Le Monnier; MM. *Gain, Cuénot.

Agriculture: Professor Petit.

FACULTE DE DROIT DE NANCY.
Professors and Lecturers.
Political Science: Professor Garnier ; del, Bourcart, Chrétien, Gardeil, M. Liégeois. Gavet, Lombard, Lederlin, Liégeois, Law : Professors Beauchet, Binet, BlonMay ; MM. Carré de Malberg.
faculté de médecine de nancy.

## Professors and Lecturers.

medicine.
Professors Baraban, Bernheim, Charpentier, Chrétien, Demange, Garnier, Gross, Herrgott, Heydenreich, Macé, Meyer, Nicolas, Prenant, Schmitt, Simon, Spill-
mann, Vuillemin, Weiss ; MM. Étienne, Février, Froelich, Guérin, Guilloz, Haushalter, Jacques, Parisot, Rohmer, Schuhl, Zilgien.

POITIERS, France.
aCADÉmIE de poitiers.
This academy, founded in 1431, comprises Faculties of Arts, Science and Law, and a Preparatory School of Medicine and Pharmacy.

## FACULTÉ DES LETTRES DE POITIERS.

## Professors and Lecturers.

ARTS.
Languages. - Classical: Professors
Ernault, Hild.
Romance: M. Arnould.
Literature: Professor Parmentier.

Comparative Philology: M.*Audouin. Philosophy: Professor Luguet.
History: Professor Carré; M. *Boissonade.
Archanology : $M$. Liévre.

## FACULTÉ DES SCIENCES DE POITIERS.

Professors and Lecturers.
sCIENCE.
Mathematics and Astronomy : Pro- Mineralogy and Geology: Professor
fessors Durrande, Maillard.
Physics : Professor Garbe ; M. Deloulez.
Chemistry : Professor Roux; M. *Guitteau.

Welsch.
Biology : Professors Dangeard, Schneider.

## faculté de droit de poitiers.

Professors and Lecturers.

Political Science: Prafessor Brissonet; M. Chéneaux.

Law: Professors Arthuys, Arnault de la Ménardiére, Barrilleau, Bonnet, Le

Courtois, Normand, Parenteau-Duheugnon, Petit, Surville, Thézard ; MM. Chéneaux, Girault, Michon, PrévotLeygonie.

ÉCOLE PRÉPARATOIRE DE MÉDECINE ET DE PHARMACIE DE POITIERS.

## Professors and Lecturers.

MEDICINE.
Professors Alban de la Garde, Brossard, Buffet-Delmas, Chédevergne, Chrétien,

Delaunay, Guitteau, Jouteau, Poirault, Poisson, Roland; MM. Garbe, Latrille, Léger, Malapert.

RENNES, France.
ACADÉMIE DE RENNES.
This academy, founded in 1808 , comprises Faculties of Arts, Science and Law, and a Preparatory School of Medicine.

## FACULTÉ DES LETTRES DE RENNES.

Professors and Lecturers.

ARTS.
Languages. -Classical: Professors De. Iaunay, Loth ; $M$. *Macé. ENGLISH: M. *Barbeau. Germanic: M. Basch.

Romance : Professor Allais; M. Loth. Comparative Philology: $M$. *Dottin. Philosophy: M. Bourdon. History : MM. Jordan, Sée.

FACULTÉ DES SCIENCES DE RENNES. Professors and Lecturers.
SCIENCE.

Mathematics and Astronomy : Professors Morin, Pujet; M. Andrade.
Physics: MM. Moreau, *Weiss.
Chemistry: Professor Lechartier; M. *Cavalier.

Mineralogy and Geology : Professor Seunes.
Biology: Professor Crié; MM. *Guitel, Joubin, *Lesage.

## FACULTÉ DE DROIT DE RENNES. <br> Professors and Lecturers.

Political Science: Professor Worms; $M$. Turgeon.
Law : Professors Artur, Aubry, Blondel,
de Caqueray, Chatel, Chauveau, Eon, Fettu, Jarno, Turgeon, Vignerte; MM. Bodin, Piédeliévre.

## ÉCOLE DE MÉDECINE ET DE PHARMACIE DE PLEIN EXERCICE DE RENNES.

Professors and Lecturers.
MEDICINE.
Professors Aubrée, Bellamy, Bruté, MM. Bertheux, Blin, Castex, Crié, Delacour, Fleury, Lefeuvre, Lhuissier, Dayot fils, Faint, Follet, Laurent, Lautier, Macé, Perret, Perrin de la Touche; Topsent.

## TOULOUSE, France.

## ACADÉMIE DE TOULOUSE.

This academy, founded in 1229, is large and important, and comprises Faculties of Arts, Science, Law and Medicine, and free Faculties of Arts and Theology. There are good scientific laboratories and institutes and an astronomical observatory. Dr. Maurel is President of the Comité de Patronage des Étudiants Étrangers, which has procured for foreign students reduced rates at the hotels and all other pecuniary advantages enjoyed by French students.

## FACULTÉ DES LETTRES DE TOULOUSE. <br> Professors and Lecturers.

Languages. - Classical: Professors Antoine, Beaudouin : $M$. *Navarre. English : M. Duméril.
Romance: Professors Benoist, Jeanroy, Mérimée; $M$. *Guy.
Literature: Professor Hallberg.

Philosophy: Professor Rauh; M. Mauxion.
History: Prafessors Lécrivain, Molinier ; MM. Marion, *Dumas.
Archeology: Professor Dürrbach.
Geography : M. *Dognon.
Pedagogy: Professor Rauh.

FACULTE DES SCIENCES DE TOULOUSE. Professors and Lecturers.
science.
Mathematics and Astronomy : Professors Baillaud, Legoux ; MM. Cosserat, *Paraf, Vessiot.
Physics : Professor Mathias; MM. *Bouasse, *Cotton.
Chemistry : Professors Destrem, Saba-
Mineralogy and Geology : Professon Lartet ; M. Caralp.
Biology : Professors Leclerc du Sablon, Moquin-Tandon, Roule; MM. *Jammes, *Prunet.

Agriculture: M. Fabre.

## FACULTÉ DE DROIT DE TOULOUSE. <br> Professors and Lecturers.

Political Science: Professor HoquesFourcade.
Law : Professors Bonfils, Bressolles, Brissaud, Campistron, Deloume, Des-
piau, Hauriou, Mérignhac, Paget, Rouard de Card, Timbal, Vidal, Wallon ; M. Fraissaingea.

## FACULTÉ MIXTE DE MÉdECINE ET DE PHARMACIE DE TOULOUSE.

Professors and Lecturers.

MEDICINE.
Professors André, Caubet, Chalot, Cbarpy, Crouzat, Dupuy, Frébault, Herrmann, Jeannel, Labéda, Mossé, Tapie, Tourneux; MM. Abélous, Aldibert,

Audry, Bézy, Biarnès, Braemer, Garrigou, Gérard, Guilhem, Guiraud, Lamic, Marie, Maprel, Morel, Pénières, Rémond, Rispal, Saint-Ange, Secheyron, Soulié, Suis, Terson, Vieusse.

# FACULTÉ LIBRE DES LETTRES DE TOULOUSE. <br> Professors and Lecturcrs. 

Languages. - Classical: Professors
Gimazane, Montaut, Morlais; M. Valentin.
Romance: Professor Arnaud.
Modern : Professor de Suplicy.
Literature: Professor Couture.
Comparative Philology: Professors
Couture, Samouilban.

Philosophy: Professor Montagne.
Archeology : Professor Saint-Raymond.
sCIENCE.
Mathematics : Professors Domec, Thomas.
Physics and Chemistry: Professors Lacaze, Senderens.

## GERMANY.

The universities of Germany are state institutions, supported by the Government and subject to the Ministers of Education of the several States in which they are situated. They have, however, an independent legal personality, and are to a great extent self-governing. At most of the universities the Minister of Education is represented by the Curator, Chancellor or Vice-Chancellor, whose duty it is to look after the state interests and to manage the finances of the university. When this official is wanting the universities are directly under the Ministers.

Each university comprises four Faculties, namely, the Faculties of Philosophy (Arts and Science), Law, Medicine and Theology; by each of these Faculties courses of lectures, seminary and laboratory work are provided, and the degree of Doctor is given to matriculated students who have fulfilled certain requirements, which vary slightly with the different universities. It is the custom for students to go from one university to another, returning for their degrees to the university of their choice.

There are in Germany twenty universities, the largest and most important being the universities of Berlin, Leipzig and Munich. Women are as a rule admitted only to courses in the Philosophical Faculty of the several universities, although in some cases they have also attended lectures in the Faculties of Law and Medicine.*

The reading-rooms of the university libraries are as a rule open to women in general, although little use is made of this

[^5]privilege by German women. Women who are studying at the various universities are in every case permitted to take books out of the libraries upon the same conditions as men. The degree of Doctor of Philosophy has been granted to women by the Universities of Freiburg, Göttingen and Heidelberg, and at these universities women have a certain recognised position as hearers, although they are not allowed to matriculate. At most of the universities in Prussia individual women are permitted to attend courses in the Philosophical Faculty as a special favor, if they are considered properly qualified by the Minister of Education, and can obtain the permission of the Rector of the university and of the individual professors whose courses they desire to hear. They have, however, no rights, and are not counted as students. Any particular application for admission may be refused. 'The other universities of Germany vary in regard to the admission of women, the Bavarian universities being in this respect the most conservative.

The academic year begins in October and is divided into two semesters, the winter semester which extends from the middle of October to the middle of March, and the summer semester which extends from the middle of April to the middle of August. The lectures do not, however, generally begin until a week or ten days after the date officially announced as the beginning of the semester.

The list of courses to be given in one semester is not published until the end of the preceding semester. Official lists of lectures (Vorlesungsverzeichnissen) of the universities are sold at the bookshops, they are not distributed by the universities themselves. The Deutscher Universitäts-Kalender, published each semester in Berlin, gives the courses offered during the semester at all the German universities.

The fees paid at German universities are of two kinds,
those paid to the universities themselves and those paid to the individual professors. Each university charges students a small fee on entering for matriculation ; I8 M. (\$4.50) for first matriculation, 9 M. ( $\$ 2.25$ ) for students coming from another university; on leaving, for a certificate of work done 14 M . (\$3.50), in addition to a fee each semester for the right to hear lectures (5 M., \$1.25). For each course attended a fee is also paid to the professor giving the course, except in those cases where the course is expressly stated to be free (3-5 M., \$.75-\$1.25, for one hour a week during one semester). A much larger fee is paid to the university for a Doctor's degree (300-400 M., \$75-\$100).*

The fees paid by women vary in the different universities. Where women are officially admitted they may pay the university fees for those privileges which they enjoy. Where they attend lectures by the permission of the individual professors without the sanction of the Ministry, they may only pay the fees to the professors.


#### Abstract

The whole question of the admission of women to the universities has given rise to much discussion in Germany and is still far from being settled. Many Germans regard the higher education of women as undesirable, and there is a strong ohjection manifested by a large number of the professors and students alike to the admission of women to the universities. Even those universities that are most freely open to women students do not give women any rights as such, and it is clearly understood that whatever privileges are granted to them, are granted in each individual case as privileges which may at any time be withdrawn, and which may not becited as precedent. Although the sanction of the Ministry is in most cases necessary, the final permission to attend lectures is always given by the individual professors, and they have the power in every case to refuse such permission.

Tbe seriousness of purpose and tbe ability of individual women who have studied in Germany has, it is believed, done much towards destroying the prejudice against women students in the minds of the professors under whom they have worked. Each woman who applies for permission to attend lectures should bear in mind the great responsibility she incurs in thus becoming, as it were, a test case, by which other similar cases in the future will be judged. If she is insufficiently prepared or lacking in seriousness of purpose in her work she cannot fail to do harm to the cause of women's education in Germany. Women students should also bear in mind that the conditions of German life are very different from the conditions of American life, and that any failure to observe the established customs of the people among whom they are living and whose hospitality they are eojoying, is likely to bring women students as a class into discredit.


[^6]
## BERLIN, Prussia.

## KÖNIGL. FRIEDRICH-WILHELMS-UNIVERSITAT.

Until within the last few years the University of Berlin, which was founded in 1809, has been entirely closed to women, and no degrees have ever been granted by it to women. Individual women are at present permitted by the University to attend lectures provided that they can obtain the consent of (1) the Prussian Minister of Education, (2) the Rector of the University, (3) the several professors whose courses they desire to hear.

The application to the Minister of Education and to the Rector should be made according to a stated form and should be accompanied by the passport and testimonials of the applicant. It has in many cases been found advisable to apply first to the individual professor whose work is desired, since with him rests the final option of opening or closing his courses to women, and his interest, if it can be obtained, may be of assistance in gaining the permission of the Minister and Rector to attend courses at the university.

Women students are often admitted to lectures when entrance to the seminaries and laboratories is refused them, but some professors have opened both their seminaries and their laboratories to individual women.

In addition to courses offered by the Philosophical Faculty, courses in Law have been attended by women, but up to the present time no women have attended courses in Medicine.

Fees should be paid at the beginning of the semester at the office of the Quaestor of the University, where all courses attended, including free courses, must be registered. There is given to students that desire it a blank book in which are entered the courses to be heard, and which may be presented to the instructors for their respective signatures at the beginning and at the end of the semester.

For information as to dates of semesters, fees, etc., see pp. 54, 55 .

## Professors and Lecturers.

## ARTS.

Languages. - Shmitic: Professors Barth, Dieterici, Sachau, Schrader; Docent Winckler.
Indo-Iranian: Professors Geldner, Weber ; Docents Franke, Oppert.
Classical: Professors Diels, Hübner, Kirchhoff, Vablen; Docents Froehde, Kübler, Rothstein, Thomas, Winter.
English : Professors Brandl, Geiger.
Germanic: Professors Briickner, Geiger, Heusler, Hoffory, Roediger, E. Schmidt, Weinhold; Docents Herrmann, Meyer.
Romance: Professors Geiger, Tobler ; Docent Schultz.
Chinese : Professor Grube.
Mongolian and History of BudDH1sm : Docent Huth.
Comparative Philology: Professors John Schmidt, Steinthal; Docent Kretschmer.
Philosophy: Professors Dilthey, Paulsen, Runze, Stumpf, Zeller; Docents Dessoir, Döring, Hoppe, Lasson, Schmekel, Simmel, Schumann.
Political Science: Professors Boeckh, Meitzen, Sering, Schmoller, Wagner; Docents Hoeniger, Jastrow, v. Kaufmann, Oldenberg.
History : Professors Bastian, Delbruick, Droysen, Hirschfeld, Köhler, Lenz, Mommsen, Scheffer-Boichorst, Schiemann, Wattenbach ; Docents Breysig, Dessau, Hintze, Höniger, Klebs, Koepp, Lehmann, Liesegang, Seler, Spannagel, Sternfeld.
Art and Archeology: Professors Curtius, Erman, Frey, Grimm, Kekulé, Wattenbach; Docents Dessau, Graef, Goldschmidt, Kalkmann, Kern, Puchstein, Sethe.
Geography: Professors Kiepert,v. Richthofen ; Docents Dove, Kretschmer.

SCIENCE.
Mathematics and Astronomy : Professors Foerster, Frobenius, Fuchs, Helmert, Hensel, Hettner, Knoblauch, Lehmann-Filhés, Planck, Scheiner, Schwarz, Weierstrass; Docents Assmann, Glan, Hoppe, Kötter,Schlesinger.

Physics: Professors v. Bezold, Blasius, Neesen, Planck, Warburg; Docents Arons, du Bois, Glan, Hoppe, Pringssheim, Raps, Rubens, Thiesen, Weinstein, Wesendonck, Wien.
Chemistry: Professors Biedermann, Fischer, Gabriel, Landolt, Liebermann, Pinner, Rammelsberg, Schneider, Sell, Tiemann, Wichelhaus, Will ; Docents Friedheim, Hayduck, Jahn, Marckwald, Reissert, Rimbach, Schöpff, Schotten, Thoms, Wohl.
Mineralogy: Professor Klein; Docents Fock, Tenne, Traube.
Geology: Professors Berendt, Beyrich, Dames ; Docents Jaekel, Wahnschaffe.
Biology: Professors Ascherson, Engler, Garcke, Kny, Magnus, v. Martens, Moebius, Schulze, Schwendener, Wittmack ; Docents Gilg, Heymons, Karsch, Krabbe, Lindau, von Luschan, Plate, Reinhardt, Schumann, Seeliger, Volkens, Warburg, Zimmermann.
Agriculture: Professor Orth.

## LAW.

Professors Aegidi, Berner, Brunner, Crome, Von Cuny, Dambach, Dernburg, Eck, Gierke, Goldschmidt, Hinschius, Hübler, Kahl, Kohler, Oertmann, Pernice, Stölzel, Zeumer; Docents Biermann, Bornhak, Burchard, Heilborn, Jacobi. Kaufmann, Lass, Lasson, Preuss, Seckel.

## MEDICINE.

Professors A. Baginsky, v. Bergmann, Bernhardt, du Bois-Reymond, Brieger, Busch, von Coler, Ebrlich, Eulenburg, Ewald, Fasbender, B. Fränkel, Fritsch, Gad, Gerhardt, Gusserow, Gurlt, Henoch, Hertwig, Heubner, Hirschberg, Israel, Jolly, Koch, König, G. R. Lewin, Leyden, Liebreich, Lucae, Mendel, Miller, Moeli, H. Munk, Olshausen, Rose, Rubner, Salkowski, Schoeler, Schweigger, Schweninger, Senator, Skrzeczka, Sonnenburg, Strassmann, Trautmann, $H$. Virchow, R. Virchow, Waldeyer, Winter, J. Wolff, M. Wolff; Docents B. Baginsky, Behrend, Benda, C. du Bois-Reymond, Bonhoff, Burchardt, Casper, Dührssen, A. Fraenkel Fehleisen, Geb-
hard,Gluck, Goldscheider,Grawitz,Greeff, Grunmach, Gumprecht, Günther, Güterbock, Guttstadt, Hansemann, Herter, Heymann, Hirschfeld, Höltzke, Horstmann, Jacobson, Katz, Klemperer, Koeppen, W. Krause, H. Krause, Kristeller, Krönig, Landau, Langerbans, Langgaard, Lassar, L. Lewin, Lewinski, Litten, Loewy, Martin, Mendelsohn, Mitscherlich, I. Munk, Nagel, Nasse, Neumann, Nitze, Ohlmüller, Oppenheim, Pagel, Perl, Pfeiffer, Posner, Preyer, Rabl-Rückhard, Rawitz, Remak, Riess, Rosenheim, de Ruyter, Salomon, Schelske, Silex, Schüller, Stadel-
mann, Thierfelder, Tobold, Veit, Warnekros, Weintraud, Wernicke, Westphal.

## THEOLOGY.

Professsors Baethgen, B. B. Brïckner, Deutsch, von der Goltz, Gunkel, Harnack, Kaftan, Kleinert, Lommatzsch, Müller, Pfleiderer, Runze, Schlatter, Steinmeyer, Strack, von Soden, Weiss; Docents Plath, Titius.

## MUSIC.

Professors Bellermann, Fleischer ; Docent Friedländer.

## BONN, Prussia.

## RHEINISCHE FRIEDRICH WILHELMS UNIVERSITÄT.

No definite information has been obtained in regard to the admission of women to the University of Bonn. It seems however probable that duly qualified women would be permitted to attend lectures at the University should they make application.

The university was founded in I 8 r 8 and is under the same general regulations as all the universities of Germany ; see pp. 54, 55 .

Professors and Lecturers.

ARTS.
Languages.-Semitic: Professor Prym; Docent Nix.
Classical: Professors Buecheler, Elter, Klein, Usener ; Docent Brinkmann.
Indo-Iranian : Professor Jacobi ; Docent Solmsen.
Evglish : Professor Trautmann.
Germanic: Professors Franck, Litzmann, Wilmanns; Docent Berger.
Romance: Professor Foerster; Docent Gaufinez.
Comparative Phlology: Professor Aufrecht.
Philosophy: Professors Bender, Elter, Meyer, Martius, Neuhaeuser, SchaarSchmidt, J. Wolff.
Political Science: Professors Dietzel, Gothein.
History: Professors Koser, Menzel, Nissen, Ritter, Wiedemann ; Docent Meister.

Art and Archeology : Professors Justi, Küppers, Loeschcke; Docent Clemen. Geography: Professor Rein; Docent Philippson.
Music : Professor L. Wolff.
SCIENCE.
Mathematics: Professors Lipschitz, Küstner, Kortum, Study ; Docents Deichmüller, Mönnichmeyer, Reinhertz.
Physics: Professors Kayser, Lorberg.
Chemistry : Professors Anschütz, Klinger, Kekulé v. Stradonitz, Partheil ; Docents Bredt, Hensler.
Mineralogy : Professor Laspeyres.
Geology : Professors Pohlig, Schlïter ; Docent Rauff.
Biology : Professors Ludwig, Schimper, Strasburger; Docents König, Noll, Schenck, Strubell, Voigt.
Agriculture: Docent Immendorf.

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L A W .
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Professsors Baron, Berghohm, Endemann, Hübner, Hüffer, Kriger, Landsherg, Loersch, v. Schulte, Seuffert, Zitelmann.

## MEDICINE.

Professors Binz, Doutrelepont, Finkelnburg, Finkler, Fritsch, Fuchs, Geppert, la Valette St. George, Kochs, Koester, Leo, v. Mosengeil, Nussbaum, Pelman, Pfüger, Saemisch, Schede, Schiefferdecker, Schultze, Ungar, Walb, Witzel ; Docents Bleibtreu, Boennecken, Bohland, Burger, Dreser,

Jores, J. Kocks, W. Kocks, Krukenberg, Kruse, Peters, Pletzer, Rieder, Schmidt, Schultze, Thomsen, Wolters.

THEOLOGY, PROTESTANT.
Professors Bratke, Goebel, Grafe, Kamphausen, Krafft, Meinhold, Ritschl, Sachsse, Sell, Sieffert ; Docents Meyer, Simons.

THEOLOGY, CATHOLIC.
Professors Englert, Fechtrup, Felten, Kellner, Kaulen, Kirschkamp, Langen, Rappenhöner, Reusch, Schrörs.

## BRESLAU, Prussia.

## KÖNIGLICHE UNIVERSITÄT.

The University of Breslau, founded in 1506 , admits women under the same restrictions as the University of Berlin. No degrees have as yet been granted to women by this University. The general regulations are same as those of other German universities; see $\mathrm{pp} .54,55$.

## Professors and Lecturers.

Languages.-Semitic : Professors Delitzsch, Fraenkel.
Indo-Iranian: Prufessors Hillebrandt; Docents Brockelmann, Liebich.
Classical : Professors Förster, Marx, Rossbach, Zacher; Docents Leopold Cohn, Kroll, Skutsch.
English : Professor Kōlbing; Lecturer Pughe.
Germanic: Professors Koch, Nehring, Vogt; Docents Bobertag, Jiriczek.
Romance: Professor Appel; Lecturer Pillet.
Russian : Lecturer Abicht.
Comparative Philology: Professors Fick, Hillebrandt.
History of Literature: Professor Koch.
Philosophy: Professors Baeumker, Ebbinghaus, Freudenthal, Weber.
Political Science: Professors Elster, Sombart.
History : Professors Caro, Grünhagen,

Hüffer, Kaufmann, Wilcken; Docent Kruse.
Art and Archeology : Professor Muther ; Docent Semrau.

SCIENCE.
Mathematics and Astronomy : Professors O. E. Meyer, Rosanes, Sturm; Docent London.
Physics: Professors Heydweiller, Meyer.
Chemistry : Professors Ahrens, Ladenburg, Poleck, Weiske ; Docents Abel, Scholtz.
Mineralogy: Professor Hintze; Docent Milch.
Geology: Professor Frech; Docents Gürich, Milch.
Geography : Professor Partsch.
Biology: Professors Chun, Ferdinand Cohn, Pax; Docents Braem, Mez, Rohde, Rosen.
Engineering: Docent Beyer.
Agriculture : Professors Ahrens, Holdefleiss, von Rúmker.

Forestry : Docent Kayser.
Veterinary Surgery: Professor Metzdorf; Docent Strauch.

LAW.
Professors Bennecke, Brie, Bruck, Dahn, Fischer, Jörs, Leonhard, Schott ; Docents Beling, Eger.

## MEDICINE.

Professors Auerbach, Barth, Born, Cohn, Czerny, Fischer, Filehne, Flügge, Förster, Hasse, Heidenhain, Hirt, Kast, Kolaczek,Küstner, Lesser, Magnus, Mikulicz, Neisser, Partsch, Ponfick, Richter, Röhmann, Rosenbach, Wernicke, Wiener; Docents Alexander, Bruck, Buchwald,

Endres, Fränkel,Groenouw, Hiller, Hürthle, Jacobi, Kaufmann, Kroner, Kümmel, Litbbert, Pfannenstiel, Reichel, Stern, Tietze, Weintraud.

## THEOLOGY

Protestant : Professors Arnold, Erdmann, Hahn, Kawerau, Kittel, Löhr, Müller, Schmidt, Wrede; Docents Beer, Schulze.
Catholic: Professors Commer, Friedlieb, Frantz, König, Krawutzcky, Lämmer, Müller, Nürnberger, Probst, Schaefer, Scholz; Docents von Tes-sen-Wesierski.

## ERLANGEN, Bavaria.

KGL. FRIEDRICH-ALEXANDERS-UNIVERSITÄT.
No information of any kind has been obtained in regard to the admission of women to the University of Erlangen.
The university was founded in 1743 , and the general regulations are the same as those of other German universities; see pp. 54, 55 .

## Professors and Lecturers.

## ARTS.

Languages.--Semitic: Professor Ahel. Classical: Professors Heerdegen, Luchs, Römer.
Germanic: Professors Geiger, Steinmeyer.
Modern : Professor Varnhagen.
Philosophy : Professors Class, Falckenberg; Docent Rabus.
Political Science: Professors Eheberg, Neuburg.
History : Professors von Bezold, von Hegel, Pöhlmann.
Geography: Professor PechuelLoesche; Docent Blanckenhorn.
Art and Archeology: Professor Flasch.
Pedagogy : Professor Römer. SCIENCE.
Mathematics and Astronomy : Professors Gordan, Nöther.
Physics: Professor Wiedemann; Docent Knoblauch.

Chemistry: Professors Beckmann, Fischer, Paal ; Docent Busch.
Mineralogy : Professor Lenk; Docent Blanckenhorn.
Geology : Professor Lenk.
Biology : Professor Reess; Docent Fleischmann.

LAW.
Professors Allfeld, Gengler, Hellwig, Kipp, v. Marquardsen, Rehm, Sehling.

MEDICINE,
Professors Bumm, Eversbusch, Fleischer, Frommel, J. von Gerlach, Leo Gerlach, Graser, Hauser, von Heineke, Hermann, Kiesselbach, Penzoldt, Rosenthal, Schneider, v. Strümpell, von Zenker.

## THEOLOGY.

Professors Caspari, Ewald, Köhler, Kolde, Müller, Seeberg, Zahn; Docents Sellin, Wiegand.

## FREIBURG IM BREISGAU, Baden.

## GROSSHERZ. BAD. ALBERT-LUDWIGS-UNIVERSITÄT.

The University of Freiburg, founded in 1457, is one of the three universities in Germany that have granted the degree of Doctor to women. Women are admitted to university lectures under the same restrictions as at the University of Heidelberg. (See page 66.) For the general regulations see pp. 54, 55 .

## Professors and Lecturers.

ARTS.
Languages. - Semitic: Professor Reckendorf.
Indo-Iranian: Professor Holtzmann. Classical: Professors Hense, Schmidt, Stéup.
English : Professor Schrōer.
Germanic: Professors Kluge, Meyer, Steinmann, Weissenfels. Romance : Professors Baist, Levy.
Comparative Philology: Professors Thumb, Thurneysen.
Philosophy : Professors Grosse, Münsterberg, Rickert, Riehl.
Political Economy : Professor Weber.
History : Professors Busch, Fabricius, Gaevernitz, Michael, Schulte, v. Simson; Docents Bienemann, Sutter.
Art and Archeology: Professor Studniczka; Docent Térey.
Geography: Professor Neumann.
SCIENCE.
Mathematics and Astronomy : Professors Lüroth, Stickelberger.
Physics : Professors Himstedt, Meyer, Zehnder.
Chemistry: Professors Baumann, Claus, Willgerodt; Docents Edinger, Fromm.

Mineralogy : Professors Graeff, Steinmann; Docent Beckenkamp.
Geology : Professor Boehm.
Biology : Professors Gruber, Haxcker, Oltmanns, Weismann, Ziegler; Docent Fritze.
Agriculture : Professor Schulze-Gaevernitz.

LAW.
Professors Behagel, Cosack, Eisele, Gebhard, Rive, von Rohland, Rosin, Rümelin, Schmidt, Sontag.

MEDICINE.
Professors von Babo, Baumann, Bäumler, Emminghaus, Goldmann, Hegar, Hildebrand, v. Kahlden, K eibel, Killian, Kirn, Knies, Kraske, von Kries, Jacobi, Manz, Oppel, Schinzinger, Schottelius, Sonntag, Thomas, Wiedersheim, Wiedow, Ziegler; Docents Baas, Bloch, Bulius, Gaupp, Nagel, Reerink, Ritschl, Röse, Schüle, Strübe, Treupel.

THEOLOGY.
Professors Braig, Heiner, Hoberg, Keppler, König, Kraus, Krieg, Rückert, Schill, Trenkle, Wörter; Docent Künstle.

## GIESSEN, Hesse.

## GROSSHERZOGL. HESSICHE LUDWIGS-UNIVERSITÄT.

No definite information has been obtained in regard to the admission of women to the University of Giessen. It seems, how-
ever, probable that duly qualified women would be permitted to attend lectures at the University should they make application.
The University was founded in 1607, and the general regulations are the same as those of other German universities; see pp. 54,55 .

## Professors and Lecturers.

ARTS.
Languages.-Indo-Iranian: Professor von Bradke.
Classical: Professors Gundermann, Schwartz.
English : Professor Pichler ; Docent Wetz.
Germanic: Professors Behagel, Pichler.
Romance: Professors Behrens, Pichler.
Comparative Philology: Professor Von Bradke.
Philosophy: Professors Gross, Siebeck.
Political Science: Professor Laspeyres. History : Professors Höhlbaum, Oncken; Docents v. Bradke, Dieterich.
Art and Archemology: Docent Sauer.
History of Modern Literature: Docents Collin, Strack.
Geography : Professor Sievers. Pedagogy : Professor Schiller.

SCIENCE.
Mathematics and Astronomy: Professors Fromme, Heffter, Netto, Pasch.
Physics: Professors Elhs, Fromme, Wiener.
Chemistry: Professors Elbs, Naumann; Docent Finger.
Mineralogy : Professor Brauns.
Biology: Professors Hansen, Spengel. Agriculture: Professor Thaer. Law.
Professors Biermann, Braun, Frank, Günther, Heimburger, Leist, Schmidt. MEDICINE.
Professors Bose, Bostroem, Eckhard, Eichbaum, Fuhr, Gaehtgens, Gaffky, Löhlein, Pflug, Poppert, Riegel, Sommer, Steinbriigge, Strahl, Vossius, Winckler; Docents Baur, Sticker, Walther.
theology.
Protestant : Professors Baldensperger, Holtzmann, Kattenbusch, Köstlin, Krüger, Stade.

## GÖTTINGEN, Prussia.

## GEORG-AUGUSTS-UNIVERSITÄT.

The University of Göttingen, founded in 1737, is one of the three universities in Germany that have granted the degree of Doctor to women. In 1893 its doors were first opened to women students, and from the beginning a certain official position has been given to them, although they are not allowed to matriculate, and the application of any individual candidate for admission may be refused at the option of the university authorities.

Application for admission must be made, through the Curator of the University, to the Prussian Minister of Education, and must
be accompanied by testimonials and a recommendation from a member of the university Faculty. After she is admitted by the Curator the candidate may register in the University as a hearer. She must report to the Pro-rector and obtain from him an official permit, and finally, she must obtain from the separate instructors permission to hear the particular courses of lectures desired. The admission of women to lectures, even after the official permit has been obtained from the Pro-rector, may be refused by the individual professors.

The university library, reading rooms and the special reading rooms for separate subjects are open to women students as freely as to men students and upon the same conditions.

The Faculty reserves to itself the right of presenting or refusing to present to the Minister any particular request on the part of a woman student for permission to take the Doctor's examination.

Fees are paid to the Quaestor of the University. The general regulations are the same as for other German universities; see pp. 54, 55 .

## Professors and Lecturers.

## ARTS.

Languages. - Semitic: Professors Smend, Wellhausen; Docent Schulthess.
Indo-Iranian : Professor Kielhorn.
Classical: Professors Dilthey, Leo, Meyer, v. Wilamowitz-Moellendorff; Docent Wentzel.
English : Professor Morsbach; Lector Tamson.
Germanic: Professors Heyne, Roethe; Docent Michels.
Romance: Professor Stimming; Lector Mercier.
Comparative Philology: Professor Schulze.
Philosophy: Professors Baumann, Müller, Peipers, Rehnisch.
Political Science: Professors Cohn, Lexis.
History : Professors Kehr, Krauske, Lehmann, Volquardsen; Docent Brandi.

Art and Archeology: Professors Vischer, Pietschmann.
Geography : Professor Wagner.
SCIENCE.
Mathematics and Astronomy : Professors Hilbert, Klein, Schering, Schoenflies, Schur, Voigt; Docents Ambronn, Bohlmann, Burkhardt, Pockels, Sommerfeld.
Physics: Professors Nernst, Riecke, Schering, Voigt; Docent's Abegg, Des Coudres, Pockels.
Chemistry: Professors v. Buchka, Nernst, Polstorff, Wallach ; Docents Abegg, Kerp, Lorenz.
Mineralogy : Professor Liebisch.
Geology : Professor von Koenen.
Biology : Professors Berthold, Ehlers, Peter; Docents Bürger, Henking, Rhumbler.
Agriculture: Professors Backhaus, Griepenkerl, Lehmann, Liebscher, Tollens.

## LAW.

Professors André, von Bar, Detmold, Dove, Ehrenberg, Frensdorff, Merkel, Planck, Regelsberger, Ziebarth; Docent Krückmann.

MEDICINE.
Professors Bürkner, Damsch,Droysen, Ebstein, Esser, Hildebrand, Husemann, Kallius, König,Lohmeyer, Marmé,Meiss-
ner, Merkel, Meyer, Nicolaier, Orth, Rosenbach, Runge,Schmidt-Rimpler, Wolffhügel.

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THEOLOGY.
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Professors Bonwetsch, Knoke, Reischle, Schäder, Schultz, Schitrer, Tschackert, Wiesinger; Docents Achelis, Bousset, Hackmann, Rablfs.

## GREIFSWALD, Prussia.

 KÖNIGLICHE UNIVERSITÄT.The University of Greifswald, founded in 1456, admits women under the same restrictions as the University of Berlin. No degrees have as yet been granted to women by this university.

The general regulations are the same as those of other German universities; see pp. 54, 55 .

## Professors and Lecturers.

## $A R T S$.

Languages.-Semitic: Professor Kessler.
Oriental : Professors Ahlwardt,Zimmer ; Docents Jacob, Rost.
Classical: Professors Gercke, Norden, Susemilhl.
English : Professor Konrath.
Germanic: Professors Pietsch, Reifferscheid; Docents Bruinier, Siebs. Romance: Professor Koschwitz.
Comparative Philology: Professor Zimmer.
Philosophy: Professors Rehmke, Schuppe.
Political Science: Professors Fuchs, Struck; Docent Schmoele.
History: Professors Bernheim, Pyl, Seeck, Ulmann; Docents Altmann, Schmitt.
Art and Archaology: Professor Preuner; Docent Pernice.
Geography: Professors Credner, Fuchs. scIENCE.
Mathematics and Astronomy : Professors Minnigerode, Thomé ; Docents Brendel, Wellmann.

Physics: Professors Holtz, Richarz; Docent Schreber.
Chemistry : Professors Limpricht, Schwanert; Docents Biltz, Semmler.
Mineralogy : Professor Cohen.
Geology : Professor Deecke.
Biology: Professor Schütt; Docents Moeller, Mïller.

LAW.
Professors Bierling, Frommhold, Haeberlin, Pescatore, Stampe, Stoerk, Weismann; Docent Medem.

MEDICINE.
Professors Arndt, Ballowitz, Beumer, Bonnet, Grawitz, Heidenhain, Helferich, Krabler, Landois, Löffler, Mosler, Peiper, Pernice, v. Preuschen, O. Schirmer, R. Schirmer, Solger, Sommer, Schulz, Stribing; Docents Abel, Busse, Enderlen, Hoffmann, Richter, Stoewer.

THEOLOGY.
Professors Cremer, Giesebrecht, Haussleiter, Lütgert, Nathusius, Oettli,Schultze, Zöckler ; Docents Dalmer, Lezius.

## HALLE, Prussia. <br> VEREINIGTE FRIEDRICHS-UNIVERSITÄT HALLE-WITTENBERG.

In order to attend lectures at the University of Halle women students must obtain permission from the Prussian Minister of Education and from the individual professors whose courses they desire to hear.

In making application to the Minister the candidate must state the course of study to be pursued and, in so far as is possible, the names of the professors under whom she wishes to work.

The general regulations are the same as for other German universities ; see pp. 54, 55.

## Professors and Lecturers.

## ARTS.

Languages.-Semitic: Professor Prätorius; Docents Fischer, Meissner. Indo-Iranian: Professors Pischel, Zachariae.
Classical: Professors Blass, Dittenberger, Wissowa; Docents Ihm, Maurenbrecher.
English : Professor Wagner.
Germanic: Professors Burdach, Haym, Strauch; Docents Bremer, Collitz, Meier, Schultze.
Romance: Professor Suchier; Docents Heuckenkamp, Wechssler.
Comparative Philology : Professors Bechtel, Zachariae.
Philosophy: Professors Erdmann, Haym, Uphues, Vaihinger; Docents Husserl, Schwarz.
Political Science: Professors Conrad, Diehl, Friedberg.
History : Professors Droysen, Ewald, Friedensburg, Hertzberg, Lindner, Meyer ; Docents Brode, von Heinemann, Sommerlad.
Geography: Professor Kirchhoff; Docents Schenck, Ule.
Art and Archeology: Professor Robert; Docent Wernicke. SCIENCE.
Mathematics and Astronomy: Professors Cantor, Eberhard, Wangerin, Wiltheiss.

Physics: Professors Dorn, Schmidt; Docent Cornelius.
Chemistry: Professors Doebner, Volbard ; Docents Baumert, Chess, Erdmann.
Mineralogy: Professor Luedecke.
Geology: Professor v. Fritsch.
Biology: Professors Grenacher, Kraus, E. Taschenherg, O. Taschenberg, Zopf; Docents Brandes, Schulz.
Agriculture: Professors Albert, Kuehn, Maercker, Wüst ; Docents Cluss, Fischer,

LAW.
Professors Arndt, Boretius, v. Bruenneck, van Calker, Endemann, Fitting, Heck, Lastig, v. Liszt, Loening, Schultze, Stammler.

MEDICINE.
Professors Ackermann, Bernstein, v. Bramann, Bunge, Eberth, Fehling, Fränkel, Genzmer, Graefe, Harnack, v. Hippel, Hitzig, Kohlschütter, v. Mering, Oberst, Pott, Roux, Schwarz, Schwartze, Seeligmüller, Weber, Welcker.

THEOLOGY.
Professors Beyschlag, Eichhorn, Haupt, Hering, Kaehler, Kautzsch, Koestlin, Loofs, Rothstein; Docents Beer, Clemen, Ficker, Foerster, Stange, Steuernagel.

## HEIDELBERG, Baden. <br> GROSSHERZLICHE RUPRECHT-KARLS-UNIVERSITÄT.

The University of 'Heidelberg, founded in 1386 , has granted the degree of Doctor to several women. Women who obtain the permission of the Dekan of the Faculty in question and of the individual professors may attend lectures at the university. The seminaries and laboratories of certain professors have been opened to individual women.

Permission to take the Doctor's examination is granted by the Philosophical Faculty, each case being considered separately by the Faculty.

Fees are paid to the Quaestor of the University. The general regulations are the same as for othe $r$ German universities; see pp. 54, 55 .

## Professors and Lecturers.

ARTS.
Languages.-Indo-Iranian : Professors Bezold, Brünnow, Lefmann.
Classical: Professors Brandt, Rohde, Schöll.
English : Professors Ihne, Schick. Germanic: Professors Braune, K. Fischer, Meyer, von Waldberg, Wunderlich; Docents Kahle, Waag. Romance: Professor Neumann.
Comparative Philology : Professors Osthoff, Lefmann; Docent Sütterlin.
Philosophy : Professor K. Fischer.
Political Science: Professors Knies,
Leser, Scherrer: Docent Kindermann. Geography : Professor Wolf.
History : Professors v. Domaszewski, Erdmannsdorffer, Heyck, Kleinschmidt, Koch, Scherrer, Winkelmann; Docents du Moulin-Eckart, Neumann.
Art and Archeology: von Duhn, Eisenlohr, Thode, Zangemeister.
Pedagogy: Professor Uhlig.

## science.

Mathematics and Astronomy : Professors Cantor, Eisenlohr, Koehler, Königsberger, Schapira, Walf; Docent Landsberg.
Physics: Professor Quincke.
Chemistry : Professors Auwers, Bornträger, Brïhl, Bunsen, Gattermann,

Horstmann, Jacobson, Jannasch, Krafft, Meyer; Docent Knövenagel.
Mineralogy : Professors Goldschmidt, Osann, Rosenbusch.
Geology: Professors Rosenbusch, Schmidt; Docent Sauer.
Blology: Professors Askenasy, Bütschli, Koch, Pfitzer; Docents v. Erlanger, Haller, Samassa, Schuberg. Agriculture: Professor Stengel.

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LAW.
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Professors Barazetti, Bekker, Buhl, Heinze, Jellinek, Karlowa, von Kirchenheim, Meyer, Schröder, Seng, Strauch.

## MEDICINE.

Professors Arnold, Czerny, Dinkler, Erb, Ernst, Ewald, Fleiner, Gegenbaur, Bessel-Hagen, Hoffmann, Jurasz, Kehrer, Klaatsch, Knauff. Kraepelin, Kühne, Leber, Lossen, Maurer, Oppenheimer, v. Schroeder, Vierordt, Weiss; Docents Aschaffenberg, v. Beck, Cramer, Fischer, Göppert, Gottlieb, v. Hippel, Jordan, Kaiser, Schaeffer, Schmidt, Schottlānder, Vulpius.

## THEOLOGY.

Professors Bassermann, Hausrath, Holsten, Kneucker, Lemme, Merx, Troeltsch; Docent Grützmacher.

## JENA, Saxe-Weimar.

## GROSSHERZOGL. UND HERZOGL. SÄCHSISCHE

## GESAMT-UNIVERSITÄT.

In order to attend lectures at the University of Jena women students must obtain the permission of the Curator of the university and of the individual professors whose courses they desire to hear.

The university, founded in 1558 , is under the same general regulations as other German universities; see pp. 54, 55 .

## Professors and Lecturers.

> ARTS.

Languages.-Semitic: Prafessor Wilhelm ; Docent Hilgenfeld.
Indo-Iranian : Professors Cappeller, Delbrück, Stickel, Wilhelm.
Classical: Professors Gelzer, Götz, Hirzel, Schrader ; Docent Schlösser. Romance: Professor Cloētta.
Modern Languages: Professors Franz.
Comparative Philology: Professors Delbrück, Schrader.
Philosophy: Professors Eucken, Liebmann ; Docent Erhardt.
Political Science: Professar Pierstorff ; Docent Anton.
History: Professors Gelzer, Klopfleisch, Liebenam, Lorenz; Docents Keutgen, S. Stoy.
Geography : Professor Regel.
Art and Archeology: Professors Gaedechens, Klopfleisch.
Pedagogy: Professor Rein; Docent Stoy.
sCIENCE.
Mathematics and Astronomy : Pro-
fessors Abbe, Frege, Thomae; Docents
Knopf, Piltz.
Physics: Professors Auerbach, Schāffer, Winkelmann ; Docent Straubel.
Chemistry: Professors Knort, Wolff; Docent Gaenge.
Geology: Professors Linck, Walther.
Biology : Professors Detmer, Haeckel, Kükenthal, Stahl.
Agriculture: Professors Pfeiffer, Seelhorst, von der Goltz.

> Lawt.

Professors Danz, Franken, Kniep, Langenbeck, Leist, Löning, Rosenthal, Thon.

## MEDICINE.

Professors v.Bardeleben, Biedermann, Binswanger, Engelhardt, Fiurbringer, Gärtner, Haeckel, Kessel, Krehl, Leubuscher, Muller, Neumeister, Riedel, Semon, Schillbach, Schultze, Skutsch, Stintzing, Verworn, Wagenmann, Ziehen; Docents Gumprecht, Matthes, Witzel.

## theology.

Professors Drews, Hilgenfeld, Nippold, Seyerlen, Siegfried, Wendt; Docents Baentsch, von Dobschütz.

KIEL. Prussia.

## KÖNIGLICHE CHRISTIAN-ALBRECHTS UNIVERSITÄT.

The University of Kiel, founded in 1665 , does not admit women. The general regulations are the same as those of other German universities; see pp. 54, 55 .

## Professors and Lecturers.

## ARTS.

Languages.--Semitic: Professor Hoffmana.
Indo-Iranian : Professor Oldenberg. Classical : Professors Bruns, Schöne. English : Professor Sarrazin, Germanic: Professors Gering, Kauffmann; Docents Groth, Stosch, Wolff.
Romance: Professor Körting.
Comparative Philology: Professor Oldenberg ; Docent Cauer.
Philosophy: Professors Deussen, Riehl; Docents Adickes, Tönnies.
Political Science: Professors Backhaus, Hasbach, Seelig.
Geography: Professor Krümmel.
History: Professors Busolt, Rodenberg, Schirren ; Docents Rachfahl, Unzer.
Art and Archeology: Prafessors Milchhoefer, Matthaei.

## SCIENCE.

Mathematics and Astrónomy : Professors Kreutz, Krueger, Lamp, Pochhammer, Weyer.
Physics: Professors Ebert, Karsten, Weber.

Chemistry: Professors Curtius, Rügheimer; Docents Berend, Buchner, Emmerling, Stoehr.
Mineralogy : Professor Lehmann.
Geology: Professors Haas, Lehmann; Docent Stolley.
Biology: Professors Brandt, Reinke; Docents Dahl, Karsten, Lohmann, Schneidemühl.
Agriculture: Professors Backhaus, Rodewald.

LAW.

Professors Frantz, Hänel, Kleinfeller, Niemeyer, Pappenheim, Schlossmann. Docents Rehme, Thomsen.

## MEDICINE.

Professors Bier, Bockendahl, v. Esmarch, Falck, Fischer, Flemming, Heller, Hensen, Hoppe-Seyler, Kosegarten, Petersen, Quincke, v. Spee, v. Starck, Völckers, Werth; Docents Doehle,Fricke, Glaevecke, Hochhaus, Jessen, Kirchhoff, Nicolai, Paulsen, Seeger.

THEOLOGY.
Professors Baumgarten, Bosse, Klostermann, Matthaei, Mühlau, Nitzsch, v. Schubert, Titius.

## KÖNIGLICHE ALBERTUS-UNIVERSITÄT.

The University of Königsberg, founded in 1544, does not admit women. The general regulations are the same as those of other German universities; see pp. 54, 55 -

## Professors and Lecturers.

ARTS.
Languages.-Semitic: Professor Jahn; Docent Peiser.
Indo-Iranian: Frofessor Franke.
Classical: Professors Friedländer, Jeep, Ludwich, Rossbach ; Docents Merguet, Tolkiehn.
English: Professors Kaluza, Kissaer.
Germanic: Professors Baumgart, Schade ; Docent Uhl.

Romance: Prafessor Kissner.
Comparatiye Philology: Professors Bezzenherger, Hoffmann.
Philosophy: Professors Thiele, Walter. Political Science: Professors Gerlach, Umpfenbach.
History: Professors Erler, Lohmeyer, Prutz, Rühl, Schubert.
Geography: Professor Hahn.

Art and Archeology: Professor Händcke; Docent Ehrenberg.

## SCIENCE.

Mathematics and Astronomy: Professors Franz, Minkowski, Saalschütz, Stäckel, Struve, Volkmann ; Docents Cohn, Rabts, Wiechert.
Physics: Professors Pape, Volkmann; Docent Wiechert.
Chemistry: Prafessors Blochmann, Lossen, Mügge, Ritthausen, Spirgatis; Docent Lassar-Cohn.
Mineralogy : Docents Jentzsch, Schellwien.
Geology: Docents Jentzsch, Schellwien.
Biology : Professors Braun, Luerssen.
Agriculture: Professors Fleischmann, Marek.

LAW.
Professors Gareis, Gradenwitz, Güterbock, Salkowski, Schirmer, Zorn ; Docent's Hubrich, Schön, Weyl.

MEDICINE.
Professors Berthold, Braun, Caspary, Dohrn, v. Eiselsberg, v. Esmarch, Griunhagen, Hermann, Jaffe, Kuhnt, Lichtheim, Meschede, Nauwerck, Neumann, Samuel, Schneider, Schreiber, Seydel, Stieda, Zander; Docents Askanazy, Cohn, Czaplewski, Falkenheim, Gerber, Hilbert, Kafemann, v. Krzywicki, Lange, Münster, Ostmann, Rosinski, Samter, Stetter, Valentini.

## theology.

Professors Benrath, Cornill, Dorner, Jacoby, Klöpper, Kühl, Link, Sommer, Voigt.

## MELPZIG, Saxony.

## UNIVERSITÄT.

The University of Leipzig, founded in 1409 , is not officially open to women, although women have for a number of years been permitted by the kindness of individual professors to attend certain courses at the university. They have no standing as students and are in no case granted degrees. Permission to attend lectures is given by the individual professors. In many cases the seminaries and laboratories have been opened to women students.

In the Medical Faculty all courses except clinical courses and all laboratories except the anatomical laboratory are open to women.

The general regulations are the same as those of other German universities; see pp. 54, 55.

## Professors and Lecturers.

## ARTS.

Languages.-Indo-Iranian: Professors Krehl, Lindner, Socin, Windisch; Docents Conrady, Stumme.
Classical: Professors Lipsius, Ribbeck, Wachsmuth, Zarncke; Docents Cichorius, Immisch.
English : Professor Wülker.

Germanic: Professors v. Bahder, Elster, Leskien, Mogk, Scholvin, Sievers, Wollner ; Docents Hirt, Holz, Witkowski.
Romance: Professors Birch-Hirschfeld, F. Settegast; Docent Weigand.
Comparative Philology: Professor
Brugmann; Docent Hirt.

Philosophy: Professors Drohisch, Heinze, Hermann, v. Schubert-Soldern, Strümpell, Volkeet, Wundt ; Docents Barth, Meumann, H. Wolff.
Political Science: Professors Bücher, Fricker, Hasse, v.Miaskowski; Docent Walcker.
History: Professors Biedermann, Buchholz, Gardthausen, Lamprecht, Marcks, Puickert, Seeliger, Wachsmuth, Wenck; Docents Brandenburg, Cichorius, Götz, Salomod, Schurtz, Sörensen.
Art and Archeology: Professors Brockhaus, Ebers, Overbeck, Schmarsow, Schreiber, Steindorff, Zimmern; Docent Schneider.
Geography: Professors Ratzel, Hettner ; Docents Schurtz, Hassert.
Pedagogy: Professors Richter, Volkelt ; Docent Barth.

SCIENCE.
Mathematics and Astronomy: Professors Bruns, Engel, Lie, Mayer, Neumann, von Oettingen, Scheibner; Docents Hausdorff, Nieper, Scheffers.
Physics: Professors Drude, Hankel, von Oettiogen, Wiedemann; Docents O. Fischer, Wiedeburg.
Chemistry: Professors Hirzel, Ostwald, Weddige, Wislicenus ; Docents LeBlaac, Paul, Rassow, Siegfried, Stobbe.
Geology: Professors Credner, Felix.
Biology: Professors Ambronn, A. Fischer, Fraisse, Leuckart, Marshall, Pfefter, Schmidt, Simroth; Docents O. Fischer, Karsten, Looss, zur Strassen.

Mineralcgy : Professor Zirkel.
Agriculture: Professors Howard, Kirchner, H. Settegast, Stohmann, Strecker; Docent Hucho. LAW.
Professors Binding, Bulow, v. Degenkolb, Friedberg, Goetz, Hölder, Müller, Rieker, Schmidt, Sohm, Stein, Strohal, Voigt, Wach ; Docents Burchard, Engelmann, Geffcken, Haepe, Kloeppel, Stintzing, Triepel.

MEDICINE.
Professors Birch-Hirschfeld, Boehm, Carus, Curschmann, Doederlein, Fick, Flechsig, v.Frey,Hagen, Hennig, Hering, Hesse, Wilhelm His, Friedrich Albin Hoffmann, Franz Hofmann, Kölliker, Moldenhauer, Säoger, Sattler, Schmidt, Schroeter, Soltmann, Spalteholz, Tillmanns, Trendelenburg, Wenzel, Winter, Zweifel; Docents Braun, Friedheim, Friedländer, Friedrich, Garten, Haake, Heffter, Held, Hess, Heymann, Wilhelm His, Jr., Kaestner, Kockel, Kollmann, Küster, Lange, von Lesser, Naumann, Romberg, Schoen, Schütz, Schwarz, Urban, Wagner, Windscheid.

## THEOLOGY.

Professors Brieger, Buhl, Dalman, Fricke, Gregory, Guthe, Hauck, Heinrici, Hofmann, Kirn, Luthardt, Rietschel, Schnedermann, Thieme; Docent Kunze.

MUSIC.
Professors Kretzschmar, Paul; Docents Prüfer, Riemann.

MARBURG, Prussia.

## UNIVERSITÄT.

The University of Marburg, founded in $15^{27}$, is open to women under the same restrictions as the University of Berlin; see pp. 54-56.

The general regulations are the same as those of other German universities.

## Professors and Lecturers:

ARTS.
Languages.-Semitic: Professor Jensen.

Classical: Professors Birt, Dieterich, Maass, Niese.
English : Professor Vietor.

Germanic: Professors Köster, Schroeder. Docent Wrede.
Romance: Professors Koschwitz, Victor.
Sanskrit and Comparative Philology: Professors Justi, Stengel.
Philosophy: Professors Bergmann, Cohen, Natorp; Docents Busse, Kühnemann.
Political Science: Professor Rathgen; Docent Waentig.
History: Professors Könnecke, Naudé, Niese, von der Ropp, Tangl; Docents Judeich, Wenck.
Geography: Professor Fischer.
Artand Archeology : Professorsvon Drach, von Sybel.
sCIENCE.
Mathematics and Astronomy: Professors von Drach, Feussner, Hess, Melde, Schottky.
Physics: Professors Feussner, Melde.
Chemistry : Professors Fittica, Rathke, Schmidt, Zincke ; Doconts Fritsch, Küster, Partheil.

Mineralogy : Professor Bauer; Docent Busz.
Geology : Professor Kayser.
Biology: Professors Kohl, Korschelt, Meyer; Docent Brauer.

## LAW.

Professors Bergbohm, v. Blume, Enneccerus, Lehmann, Leist, v. Lilienthal, Sartorius, Ubbelohde, Westerkamp, Wachenfeld; Docents Mueller, von Simmern.

## MEDICINE.

Professors Ahlfeld, Behring, Disse, Gasser, Kossel, Küster, Lahs, Mannkopff, Marchand, Meyer, Müller, Ostmann, Tuczek, Uhthoff, Wagener; Docents Axenfeld, Barth, Buchholz, Von Heusinger, Hüter, Nebelthau, Sandmeyer, v. Sobieranski, Zumstein.

## THEOLOGY.

Professors Achelis, Von Baudissin, Cremer, Herrmann, Jülicher, Mirbt, Weiss, Werner; Docents Bauer, Bess, Kraetzschmar.

## MUNICH, Bavaria.

## KONIGL. LUDWIG-MAXIMILIANS-UNIVERSITÄT.

No exact information has been received in regard to the admission of women to the University of Munich. The present Minister of Education for Bavaria is, it is said, opposed to the admission of women to the universities, and permission to attend lectures is therefore difficult to obtain from him. Through the influence of individual professors, advanced women students have, however, been allowed to attend certain lectures at the university.

The university was founded in $\mathbf{1 4 7 2}$, and is under the same general regulations as the other German universities; see pp. 54,55 .

## Professors and Lecturers.

Languages.-Semitic: Professor Hommel.
Indo-Iranian : Professors Kuhn, von der Schulenberg ; Docents Schermann, Simon.
Chinese: Docent von der Schulenberg.

Classical: Professors v. Christ, v. Müller, v. Woelfflin ; Docents Oehmichen, von der Pfordten, Weyman.
Byzantine and Modern Greek: Professor Krumbacher.
English: Professor Koeppel; Docent Wörner.

Germanic: Professors Muncker, Paul; Docents Borinski, Panzer. Romance: Professor Breymann; Docent Ha.tmann.
History of Modern Literature: Professor Woerner.
Comparative Philology: Professor Kuhn.
Philosophy: Professors von Hertling, Lipps; Docents Cornelius, Güttler.
Political Science: Professors v. Baur, Brentano, Lotz, v. Riehl, von Rockinger.
History : Professors Friedrich, Grauert, Heigel, Oberhummer, von Rockinger ; Docents Chroust, Fester, Mayr-Deisinger, Simonsfeld, Traube.
Geography: Professor Oberhummer; Docent Neumann.
Art and Archeology: Professors Furtwängler, von Reber, Riehl, Riggauer.

## science.

Mathematics and Astronomy: Professors Bauer, Ebermayer, Lindemann, Pringsheim, Seeliger; Docents Auding, Bauschinger, Brunn, Doehlemann, Erk, v. Weber.
Physics: Professors Graetz, von Lommel ; Docents Donle, Korn.
Chemistry: Professors v. Baeyer, Hilger, Koenigs, Muthmann, Thiele; Docents Baumann, Hofmann.
Mineralogy : Professor Groth.
Geology: Professors Rothpletz, von Zittel ; Docents Pompeckj, Weinschenk.

Biology: Professors Goebel, Hertwig, Radlkofer, Ranke, Selenka; Docents Giesenhagen, Hofer, Maas, Pauly, Solereder, Weiss.

> LAW.

Professors v. Amira, v. Bechmann, Birkmeyer, Hellmann, v. Planck, Seuffert, v. Seydel, v. Sicherer, v. Stengel, Ullmann; Docents Grneber, Harburger, Loewenfeld, Schmidt.

## MEDICINE.

Professors J. Amann, Angerer, Bauer, Bezold, Bollinger, Hans Buchner, L. A. Buchner, Emmerich, Grashey, Klaussner, v. Kupffer, Messerer, Moritz, Oertel, Pettenkofer, Posselt, $\downarrow$. Ranke, v. Rothmund, Rüdinger, Schech, Tappeiner, v. Voit, v. Winckel, v. Ziemssen; Docents J. A. Amann, Barlow, Brandl, Cremer, Fessler, Frank, Hahn, Haug, Herzog, Hofer, Klein, Kopp, v. Liebig, May, Mollier, Neumayer, Oeller, Passet, Rieder, Schloesser, Schmaus, Schmitt, Seitz, Seydel, Sittmann, v. Stubenrauch, Stumpf, Voit, Wolfsteiner, Ziegenspeck, Ziegler.

## THEOLOGY.

Professors Atzberger, Bach, Bardenhewer, Knoepfler, Andreas Schmid, Alois Ritter v. Schmid, Schoenfelder, Silbernagl, Wirthmüller; Docent Dausch.
mUSIC.
Docent Sandberger.

## ROSTOCK, Mecklenberg.

## GROSSHERZOGLICHE UNIVERSITÄT.

The University of Rostock has in individual cases permitted women who make teaching a profession to attend certain lectures at the university. The Ministry has asked for information in regard to these women students, and for the present the question of the admission of women to the university remains in abeyance.

The university was founded in 1419 and is under the same general regulations as the other German universities; see pp. 54,55 .

## Professors and Lecturers.

ARTS.
Languages. - Indo-Iranian : Pro. fessor Philippi.
Classical: Professors v. Arnim, Bethe.
Germanic: Professor Golther.
Romance: Professor Lindner; Docent Robert.
Philosophy : Professor von Stein.
Political Science : Professor Stieda.
History : Professor Schirrmacher.
Art and Archeology: Professor Körte.

SCIENCE.
Mathematics and Astronomy: Professor Staude.
Physics: Professor Matthiessen.
Chemistry : Professors Michaelis, Tohl.

Mineralogy : Professor Geinitz.
Geology: Professor Geinitz.
Brology : Professors Blochmann, Falkenberg, Will.
Agriculture: Professor Heinrich.
LAW.
Professors Bernhöft, von Hippel, Lehmann, Matthiass, Sachsse.

## MEDICINE.

Professors Berlin, von Brunn, Garrè, Gies, Körner, Langendorff, Lubarsch, Martius, Nasse, Pfeiffer, Schatz, Schuchardt, Albert Thierfelder, Theodor Thierfelder ; Docent Reinke.

THEOLOGY.
Professors Hashagen, Koenig, Nösgen, Schulze, Walther.

## STRASSBURG, Alsace.

## KAISER-WILHELMS-UNIVERSITÄT.

The University of Strassburg, founded in 1567 , is not officially open to women. By the special permission of certain professors and without the sanction of the Ministry one or two advanced women students have been admitted, as a great exception, to certain of the university courses.

The general regulations are the same as those of other German universities; see pp. 54,55 .

## Professors and Lecturers.

## ARTS.

Languages.-Semitic: Professors Euting, Keil, Landauer, Nöldeke ; Docent Schwally.
Indo-Iranian: Professor Leumann; Docent Horn.
Classical: Professors Friedländer, Hubschmann, Kaibel, Michaelis, Reitzenstein, Thrämer; Docents Heinze, Miller.
English: Professor Koepel; Docent Miller.

Germanic : Professors Henning, Martin ; Docent Joseph.
Romance: Professor Gröber; Docent Schneegans.
Comparative Philology: Professor Hubschmann.
Philosophy: Professors Hensel, Windelband, Ziegler.
Political Science: See Law and Political Science.
History: Professors Bresslau, Neumann, Varrentrapp, Wiegand; Do. cents Cuntz, Sackur.

Geography: Professor Gerland; Docent Hergesell.
Art and Archeology: Professor Dehio; Docents Heinze, Leitschuh, Spiegelberg, Vöge.
Pedagogy : Professor Ziegler.
SCIENCE.
Mathematics and Astronomy: Professors Becker, Krazer, Maurer, Reye, Roth, Weber, Wislicenus ; Docent Kobold.
Physics: Professors Braun, Cohn; Docent Cantor.
Chemistry: Professors Fittig, Rose, Schaer; Docents Cantor, Erlenmeyer, Marburg.
Mineralogy: Professor Bücking; Docent Bruhns.
Geology: Professor Benecke; Docent Tornquist.
Biology: Professors Döderlein, Goette, Jost, Solms-Laubach; Docent von Wagner.
law and political science.
Law: Professors Bremer, van Calker, Laband, Lenel, Mayer, Merkel, Schultze, Sickel, Wlassak, Zimmermanu.
Political Science: Professors Knapp, von Mayr, von Waltershausen; Docents von Bortkewitsch, Wittich.

MEDICINE.
Professors Bayer, Cabn, Ewald, F. E. Fischer, F. Fischer, W. A. Freund, Fürstner, Goltz, Kohts, Kuhn, Laqueur, Ledderhose, Leop, Madelung, Minkowski, Naunyn, Pfitzner, Recklinghausen, Schmiedeberg, Schwalbe, Stilling, Ulich, Wolff; Docents H. Freund, Gerhardt, Hoche, Jacobj, Jessen, Klemperer, Levy, Mehnert, Scheurlen, Scbmidt. theology.
Professors Budde, Ficker, Holtzmann, Lobstein, Lucius, Mayer, Nowack, Smend, Spitta; Docent Anrich. mUSIC.
Professor Jacobsthal.

TÜBINGEN, Wurttemberg.

## KÖNIGLICHE EBERHARD-KARLS UNIVERSITÄT.

The University of Tübingen, founded in 1477 , has been opened in several instances to women, although it is in general closed to them.

Permission to attend lectures at the university is, in exceptional cases, granted to women by the Minister of Education in Stuttgart, and by individual professors.

The general regulations are the same as those of other German universities; see pp. $54,55$.

## Professors and Lecturers.

ARTS.
Languages.-Semitic: Docent Seybold.
Indo-Iranian : Professor Garbe.
Classical: Professors Crusius, von Herzog, Schmid, von Schwabe.

English: Professor Hoops; Docent Johs.
Germanic: Professor Fischer; Docent Bohnenberger.
Romance: Professors Pfau, Voretzsch.
Comparative Philology: Professor
Garbe.

Philosophy: Professors Pfleiderer, v. Sigwart, Spitta.
Political Science: Professors von Jolly, von Martitz, Neumann, von Schönberg ; Docents von Bergmann, Tröltsch.
History : Professors von Kugler, Saegmüller, Schăfer.
Art and Archafology: Professors Lange, von Schwabe.
Pedagogy: Docent Majer.
sCIENCE.
Mathematics and Astronomy: Professors Brill, Hölder, Stahl, Waitz.
Physics: Professors Oberbeck, Waitz.
Chemistry: Professors Hüfner, von Pechmann ; Docent von Meyenberg.
Mineralogy: Professor Koken; Docent Wulfing.
Geology : Professor Koken.
Biology: Professors Eimer, Hegel-
maier, Vöchting. Docents Correns, Hesse.
Agriculture: Professor Leemann.
LAW.
Professors v. Franklin, Geib, v. Meyer, Rümelin, v. Seeger, v.Thudicum, Wendt.

## MEDICTNE.

Professors v. Baumgarten, Bruns, Froriep, Grützner, von Jürgensen, v. Liebermeister, v. Lenhossek, Oesterlen, v. Säxinger, Schleich, Siemerling, Vierordt, Wagenhaeuser ; Docents Dennig, Hofmeister, Nagel, Roloff, Winternitz.

## THEOLOGY.

Protestant: Professors von Buder, Gottschick, Grill, Häring, Hegler, Weizsācker.
Roman Catholic: Professors Belser, von Funk, v. Kober, Koch, Schanz, Vetter.

## WÜRZBURG, Bavaria.

## KÖNIGLICHE JULIUS-MAXIMILIANS UNIVERSITÄT.

The University of Würzburg, founded in 1402, is not open to women.

The general regulations are the same as those of other German universities; see pp. 54,55 .

## Professors and Lecturers.

ARTS.
Languages.-Indo-Iranian : Professor Jolly.
Classical: Professor Grassberger, Schanz, Sittl.
Germanic: Professor Brenner; Docent Rötteken.
Romance: Professor Stürzinger; Docent Pirson, Zenker.
Comparative Philolggy: Professor Jolly.
Philosofhy : Professors Külpe, Stolzle ; Docent Neudecker.
Political Science: (See Law and Political Science).
History: Professors Henner, Unger, Wegele.

Geography : Docent Ehrenburg.
Art and Archelology: Professor Sittl; Docent Schmid.
Pedagogy: Professor Grasberger.
SCIENCE.
Mathematics and Astronomy: Professors Prym, Selling, Voss; Docent Haussner.
Physics: Professor Röntgen; Docents Geigel, Wien.
Chemistry : Hantzsch, Medicus, Wislicenus; Docent Tafel.
Mineralogy: Professor von Sandberger.
Geology : Professor von Sandberger.
Biology : Professors Boveri, von Sachs; Docent Hauptfleisch.

LAW AND POLITICAL SCIENCE.
Law: Professors Burckhard, Mayer,
Meurer, Piloty, Oetker, Schollmeyer;
Docents Heimberger, Knapp.
Political Science: Professor Schanz;
Docent von Heckel.
MEDICINE.
Professors Fick, Helfreich, Hofmeier, Kirchner, v. Kölliker, Kunkel, Lehmann, v. Leube, Matterstock, v. Michel, Reu-
bold, Riedinger, Rieger, v. Rindfleisch, Schönborn, Schultze ; Docents Arens, Bacb,Berten, v. Franqué,Geigel, Heidenhain, Heim, Hoffa, Leuhossek, Nieberding, Reichel, Riese, Rosenberger, Schenck, Seifert, Sobotta.
theologr.
Professors Abert, Brann, Göpfert, Ehrhard, Kihn, Schell, Scholz, Stahl.

## GREAT BRITAIN.

## ENGLAND AND WALES.

There are six universities in England and Wales: Cambridge, Durham, London, Oxford, Victoria and the University of Wales. These are in the main examining bodies and confer degrees on the results of examinations held by the examiners on their staff. Candidates are prepared for these examinations by colleges affiliated with the different universities. At Oxford and Cambridge the universities appoint professors and lecturers who give lectures open to all students, but the greater part of the teaching is arranged for by the college authorities. London is at present merely an examining university, but a proposal to make it a teaching university is under consideration.

## CAMBRIDGE, England.

## THE UNIVERSITY OF CAMBRIDGE.

The University of Cambridge, founded in the 12 th century, is a corporation which provides instruction in the various branches of knowledge and confers degrees in arts, science, law, medicine, theology and music on candidates who have fulfilled certain conditions in regard to residence at specified colleges and passed certain examinations. There are in Cambridge seventeen colleges and two public hostels for men students and there are a few non-collegiate students. Each college and hostel has its own staff of lecturers and tutors, and though university lectures given by university professors and lecturers are open to members of all the colleges, college lectures are in some cases open to students of specified colleges only.

Women who desire to attend lectures in Cambridge must enter as students one of the two colleges for women in Cambridge

Girton College or Newnham College, residence at which confers certain privileges.

Women students who reside at Girton College (see p. 79), Newnham College (see p. 81), or in Cambridge, as 'out-students' of one of these colleges, are admitted, with a few exceptions indicated below, to all the university lectures, to certain of the college lectures and to most of the laboratories and museums. Women are, by special permission, allowed to read in the University library.

Women who have fulfilled, in connection with one of the above mentioned colleges, the conditions respecting length of residence and standing which men students are required to fulfil have been admitted, since 1881, to the Previous and Tripos (i.e., honours) examinations of the university.

After each examination the examiners publish a list of the successful candidates, arranged either in classes and divisions or numbered in order of merit. The names of the men and women students are on separate lists, but the position taken by the women with reference to the men is shown and the standard is the same for each.

The question of granting degrees to women who have passed these examinations is at present under consideration.

All applications for admission to the university lectures, etc., are made by the authorities of Girton and Newnham colleges on behalf of the students, and all fees are paid and arrangements made by these authorities.

## University Professors and Lecturers and College Lecturers.

(From the list of lectures for the year $\mathbf{1 8} 95{ }^{\circ} 96$, published in the Cambridge Uoiversity Reporter, January $\mathbf{1 3}_{3}, \mathbf{1 8 9 6}$. The ${ }^{*}$ indicates that the professor or lecturer does not admit women to his lectures.)

ARTS.
Languagrs.-Semitic and Indo-Iranian: Professors Bevan, Cowell, Kirkpatrick, Rieu ; Messrs. Barnes, Browne, Chapman, Kennett, McLean, Neil, Nicholson, Schechter, Strong.
Classical: Professors Jebb, Mayor; Drs. Jackson, Peile, Postgate, Reid, Sandys, Verrall; Messrs. Abbott, Adam, Archer-Hind, Cooke, Dims-
dale, Edwards, Giles, Gill, Glover, Graves, A. Gray, J. H. Gray, Head, lam, Hicks, Lendrum, Levin, Neil, Peskett, Shuckburgh, Sikes, Thompson, Tottenham, Tilley, Wardale, Wedd, Whibley.
English: Professors Dowden, Skeat; Messrs. Comber, Giles, Gollancz, Morier Hinde, Magnússon, Wyatt. Germanic: Messrs. Breul, Rippmann, Wolstenholme.

Romance: Messrs. Boquel, Braunholtz, Comber, Morier Hinde, Rippmann, Wyatt.
Comparative Philology: Dr. Postgate ; Messrs. Breul, Chadwick.
Philosorhy: Professor Sidgwick; Drs. Keynes, Ward; Messrs. Johnson, Levin, McTaggart, Rivers, Stout.
Political Science; Professors Marshall, Sidgwick ; Dr. Venn ; Messrs. Berry, Collins, Foxwell, Green, Hammond, Levin.
History : Professors Lord Acton, Gwatkin, Maitland; Dr. Cunningham ; Messrs. Archbold, Browning, Corbett, Dickinson, Evans, Figgis, Green, Leathes, Masterman, Mullinger,Shuckburgh, Tanner, Thornely.
Art and Archeology: Professors Ridgway, Waldstein; Messrs. E. A. Gardner, Haddon, Roberts.

## SCIENCE.

Mathematics and Astronomy: Professors Sir R. S. Ball, Darwin, Forsyth; Drs. *Glaisher, Hohson, Lachlan; Messrs. Baker, Ball, Bennett, Berry, Coates, Herman, Hinks, Lamb, Pendlebury, Webb.
Physics: Professors Ewing, *Sir G. G. Stokes, Thomson; Messrs. Bryan, Capstick, W. E. Dalby, Glazehrook, Griffiths, Munro, Shaw, Skinner, Whetham, Wilberforce.
Chemistry: Professors Dewar, Liveing; Messrs. Adie, Fenton, Heycock, R. M. Lewis, Morrell, Neville, Pattison Muir, Ruhemann, Scott, Sell.
Mineralogy: Professor Lewis; Mr. Hutchinson.

Geology: Professor Hughes ; Messrs. Harker, Marr, Oldham, Seward, Waods.
Biology, Physiology, etc.: Professars Foster, Macalister, *Newton, *Ward ; Drs. Gaskell, Hill, Melsome, Rivers, Shore; Messrs. Blackman, Burkill, Darwin, Eichholz, Ellis, Gadow, Gardiner, Haddon, Harmer, Langley, Lister, Sedgwick, Seward, Shipley, Warburton, Woods.
Engineering: Professor Ewing; Messrs. Dalby, Hartree, Lamb,
Agriculture: Messrs. Easterfield, Wood.
LAW.

Professors Clark, Maitland, Westlake ; Drs. Anningson, Bate, Bond, Gordon Campbell, Kenny, Lawrence, Walker, Waraker; Messrs. Buckland, Harris, Higgins, Monro, Reddaway, Whittaker, Wright.

MEDICINE.
Professors Bradbury, Sir G. M. Humphrey; Drs. Anningson, Lazarus, Barlow. Cory, Macalister; Messrs. Douty, Wherry.

## THEOLOGY.

Professors Gwatkin, Kirkpatrick, *Mason, Rohinson, Ryle, Stanton, Swete; Drs. Chase, Streane, Watson ; Messrs. Barlow, Barnes, Bethune-Baker, Blenkin, Boughey, Brooks, Chapman, Cox, Glover, Gray, Harris, Foakes Jackson, Knight, Masterman, McLean, Murray, Parry, Forbes Robinson, Heriz Smith, Thackeray.

MUSIC.
Professor Stanford; Drs. Garrett, Wood.

## GIRTON COLLEGE, CAMBRIDGE.

This college, which took its origin in a home for women students opened in 1869 by Miss Emily Davies at Hitchin, about eighteen miles from Cambridge, is open to women only, and provides instruction for the Previous and Tripos examinations of the University of Cambridge. (See p. 78.) There is one large hall of residence, situated about one and one-half miles from Cambridge, providing
accommodation for the mistress, Miss Welsh, seven resident lecturers and about one hundred students.

Students are not admitted under the age of eighteen, and they are required to pass, before entering, the Girton College entrance examination or an equivalent examination.

Though no definite regulation is made in regard to the matter, duly qualified American women have been occasionally admitted, when space permitted, without examination and without undertaking the whole three years' course.

The college course (i.e., preparation for the first part of a Tripos examination) occupies three years, half of each year being spent in residence. There are three terms in each year: The Michaelmas term, beginning in the middle of October and lasting nine weeks; the Lent term, beginning in the middle of January, lasting eight weeks; and the Easter term, beginning in the middle of April, lasting eight weeks.

The charge for board, lodging and tuition is $£_{35}$ (\$175) a term, and this covers all university and college charges. Each student has a bedroom and sitting room, or one large room divided. Students who desire to reside during the long vacation at the college may do so during July and August at a charge of three guineas ( $\$ 15.75$ ) a week, or fourteen guineas ( $\$ 73.50$ ) for six weeks.

There are numerous scholarships varying in value from $£_{17}{ }_{12}$ s. $(\$ 88)$ to $£ 80(\$ 400)$ a year for three or four years. These are awarded on the results of special examinations.

For further information apply to the secretary, Miss Kensington, 83 Gloucester Terrace, Hyde Park, London, W.

## Lecturers.

In addition to the university lectures attended by students of Girton College in Cambridge (see p. 78 ), lectures and individual instruction were given during 1894-95 at the college by the following :

ARTS.
Languages.-Classical : Dr. Postgate; Messrs. Adam, Conway, Cooke, Duff, Earp, Graves, Hicks, Leaf, Lendrum, Miles, Moulton, Pretor, Sikes ; Misses Alford, Jex-Blake. Medieval and Modern: Drs.

Braunholtz, Breul ; Messrs. Boquel, Wyatt ; Misses Earle, Hensley, Kennedy.
Philosophy and Political Science: Mr. Johnson ; Miss Constance Jones.
History : Misses McArthur, Gardner ; Messrs. Green, Masterman.
sCIENCE.
Mathematics : Aessrs. Berry, Buchanan, Cowell, Dodds, Graham, Mair, Munro, Richmond, Sedley Taylor, Whitehead, Young; Miss Meyer. Blology, Chemistry, Etc.: Misses Chesney, Greenwood, Saunders.

THEOLOGY. Miss McArthur.
music.
Dr. Wood.

## NEWNHAM COLLEGE, CAMBRIDGE.

This college, which took its origin in a home for women students opened by Miss Clough in 187 I , is open to women only and provides instruction for the Tripos examinations of the University of Cambridge (see p.78). It consists of three halls of residence, situated about five minutes' walk from the centre of Cambridge, and accommodating about 150 students in addition to the principal, vice-principals and resident lecturers. The principal is Mrs. Henry Sidgwick; the vice-principals and heads of the different halls are Miss Helen Gladstone, Miss Katharine Stephen and Miss Mary E. Rickett.

Students are not admitted under the age of eighteen, except in special cases; they are required to give satisfactory references and to pass, before entering, the Newnham College entrance examination or an equivalent examination. In exceptional cases women who do not reside in the college are admitted as out-students.

Though no definite regulation is made in regard to the matter, duly qualified American women are admitted, when space permits, without examination and without undertaking the whole three years' course.

The year is divided into three terms, corresponding to the university terms, as at Girton College. (See p. 8o.)

The fees for board, lodging and tuition vary from twenty-five guineas (\$13r.25) to thirty-two guineas (\$168) a term. These do not include fees for laboratories_or for university examinations.

Students residing in the college, by the advice of the principal, during the long vacation, pay a guinea (\$5.25) a week for board and lodging. This does not include tuition.

Various scholarships of $£_{35}(\$ \mathrm{r} 75), £_{40}(\$ 200)$ and $£_{50}$ ( $\$ 250$ ) a year for one, two or three years are awarded under special conditions and in general on the results of examinations.

There are two studentships of $£_{75}(\$ 375)$ and $£ 80(\$ 400)$ a year awarded, one to a student who has passed the Natural Science Tripos with credit, the other to a student who has finished her college course and shows ability to carry on advanced independent work.

For further information apply to the hon. secretary, Miss M. G. Kennedy, Shenstone, Cambridge, from whom a pamphlet giving a detailed account of the Tripos examinations may be obtained.

## Lecturers.


#### Abstract

In addition to the university lectures attended by students of Newnham College in Cambridge (see p. 78), lectures and individual instruction were given during 1894-95 at Newnham College by the following :


## ARTS.

Languages.-Classical: Messrs. ArcherHind, Brown, A. B. Cook, Davies, Moulton, Rackham; Miss Sharpley, Mr. Sikes, Miss Smith, Miss Stawell, Mrs. Verrall, Messrs. Wedd, Wyse.
Medifyal and Modern : Messrs. Boquel, Braunholtz, Breul; Miss Earle, Miss Fry, Miss J. E. Kennedy, Miss Macleod Smith; Messrs. Magnússon, Wyatt, Wolstenholme, Mrs. Verrall.
Philosophy and Political Science:

Messrs. Johnson, McTaggart; Mrs. Marshall, Mrs. Ward.
History: Professor Sir J. R. Seeley, Miss Bateson, Miss Gardner, Dr. Walker. SCIENCE.
Mathematics : Mr. Bryan, Miss Collier, Miss Fawcett, Mr. Gunston, Miss Johnson, Mr. Richmond, Miss Rickett, Miss Stoney, Mr. Young.
Natural Sciences: Miss Fortey, Miss Freund, Miss Greenwood, Miss Klaassen, Mr. Morrell, Miss Saunders, Miss Sedgwick, Miss Sheldon.

DURHAM, England.

## THE UNIVERSITY OF DURHAM.

This university, opened in 1833 , is situated in Durham, and is an examining body, conferring degrees in Arts, Science, Law, Medicine, Theology and Music. In 1895 a supplementary charter was granted enabling the university to grant degrees to women in all the faculties except that of Theology. Regulations concerning the admission of women to degrees are not yet published.

The colleges and halls in Durham are colleges for men to which women are not admitted. Attendance at the classes of the Durham School of Medicine in Newcastle and at the classes of the Durham University College of Science in Newcastle is
allowed, with certain restrictions, to count as residence at Durham, and to qualify students to enter for the degrees of the university.

There is a hall of residence for women medical students, Eslington Tower, Newcastle-on-Tyne; Principal, Miss Royce. The The charge for board and residence is $15 \mathrm{~s}(\$ 3.75)$ to one guinea (\$5.25) a week.

The Durham University College of Science in Newcastle (see under Local Colleges, p. 89) is open to women.

Women are admitted as students in music at the University of Durham.

For further information apply to the registrar, the University of Durham.

## LONDON, England.

## THE UNIVERSITY OF LONDON.

## Burlington House, Vigo Street, London, W.

London University, founded in 1826 , is an examining body, conferring degrees in Arts (B. A., M. A., D. Lit.) ; Science (B. Sc., D. Sc.) ; Law (LL. B., LL. D.) ; Medicine (M. B., B. S., M. S., M. D.) ; Music (B. Mus., D. Mus.). The university also gives a certificate, called the "Teacher's Diploma," to each candidate who has passed the examination in teaching.

A proposal to found a teaching university in connection with the University of London is now under consideration.

In 1867 the university offered certain special certificates to women; in 1878 it opened all degrees, honours and prizes to students of both sexes on equal terms, and in 1882 it was resolved by the governing body, Convocation, "that female graduates be admitted to Convocation."

The degrees are conferred on candidates that have passed a prescribed series of examinations held by examiners appointed by the university. The examinations must be taken in a prescribed order and, in general, an interval of at least one academic year must elapse between two consecutive examinations. For the Bachelors' degrees in Arts, Science, Medicine and Law two examinations of widely different, standards," "pass" and "honours" are held in
each subject, and candidates are at liberty to choose which they will take.

Prizes, exhibitions and scholarships, varying in value from $£_{5}$ $(\$ 25)$ to $£_{50}(\$ 250)$ a year for two years, are awarded to the candidates that most distinguish themselves in the different honours, examinations.

The fees for the examinations are from $£_{2}$ (\$IO) to $£_{\text {IO }}(\$ 50)$.
Candidates for degrees are free to reside and study where they please, but preparation for the examination may be obtained at the numerous colleges affiliated with the University. See University College, London (p. 84) ; King's College, London (p. 85); Bedford College for Women, London (p. 88) ; Royal Holloway College, Egham (p. 89) and pp. 89-90.

All particulars may be obtained from the "London University Calendar," which is published yearly and contains the examination papers for the preceding year.

Communications should be addressed to the registrar of the University of London, Burlington Gardens, London, W.

## UNIVERSITY COLLEGE.

Gower Street, London, W. C.
University College, London, separated from the University of London in 1836 and given a charter in 1869, prepares for the examinations of London University in Arts, Science, Medicine and Law. Students do not reside in the college (for hall of residence for women, see p. 85). All classes in the Faculties of Arts, Science and Law are open to women as to men, except classes in engineering, histology and physiology. (For courses for women in Medicine, see under the School of Medicine for Women, p. 86).

Women wishing to enter as students must present satisfactory references and should call on the lady superintendent, Miss Morison, whose recommendation is required for admittance. Miss Morison may be seen at her room in the college during the first week of the term.

The session is divided into three terms, dates for $1895-96$ :

October 2d till December 20th, January 14th till March 27th, April 2 rst till July ist.

The fees vary from £I.1 (\$5.25) to $£ 7.7$ ( $\$ 36.75$ ) per class for the session.

There are numerous prizes and scholarships open, with few exceptions, to women as to men. They vary in value from $£_{10}$ (\$50) to $£_{150}$ (\$750) a year.

For further information, see " University College, London, Calendar." Communications should be addressed to the secretary.

Hall of Residence.-College Hall, Byng Place, Gordon Square, is a hall of residence for women students attending University College and the London School of Medicine for Women. No student is admitted under 17 years of age. The expenses for board and residence vary from $£_{5}$ ( $\$ 255$ ) to $£ 80(\$ 400)$ for the University College session of 33 weeks, and from $£_{5} 8$ ( $\$ 290$ ) to $£ 90$ ( $\$ 450$ ) for the session of the London School of Medicine of 37 weeks. Further information may be obtained from the principal, Miss Grove.

## Professors.

ARTS.
Languages. - Semitic : Professors
Marks, Strong.
Indo-Iranian*: Professors Bendall,
Bruce, Rhys Davids.
Clasilal: Professors Housman, Platt.
English : Professor Ker.
Germanic: Professor Althaus.
Romance : Professor Lallemand.
Comparative Philology : Professor
Postgate.
Philosophy : Professor Sully.
Political Economy ; Professor Fox-
well.
History : Professor Montague.

ARTS. Marks, Strong.
Indo-Iranian*: Professors Bendall, Bruce, Rhys Davids.
Classical: Professors Housman, Platt. English : Professor Ker.

Remanic: Professor Althaus.
Comparative Philology: Professor Postgate.
Philosorhy: Professor Sully.
Political Economy; Professor Foxwell.
History : Professor Montague.

ART AND ARCHefology: Professors Brown, Petrie.
Architecture: Professor Roger Smith. SCIENCE.
Mathematics and Astronomy: Professors M. J. M. Hill, Karl Pearson.
Physics: Professor Foster.
Chemistry: Professor Ramsay.
Geology : Professor Bonney.
Biology, Physiology, Etc.: Professors Oliver, Schäfer, Weldon.
Engineering : Professors Hudson Beare, Fleming, Vernon-Harcourt.

LAW.
Professors Bate, Murison, Raleigh.

## KING'S COLLEGE.

## Strand, London, S. W.

In connection with this college, which prepares for the examinations of the University of London, there is a separate "Department

[^7]for Ladies" at ${ }_{13}$ Kensington Square, London, W., giving instruction in Arts, Science, Law, Theology and Music. The professors and lecturers are, with some exceptions, professors at King's College. The classes organised are of a very elementary nature, but more advanced classes can in some cases be arranged when desired. Students do not reside in the college ; for hall of residence for women see p. 85 .

The academic year is divided into three terms: Michaelmas term, beginning Monday, October I4th, and ending Friday, December 2oth; Lent term, beginning January 2oth and ending March 27th ; Easter term, beginning April 27th and ending July 3d.

The fees are one to two guineas ( $\$ 5.25$ to $\$ 10.50$ ) per term for each class.

Further information can be obtained from Miss Lilian M. Faithfull, vice-principal and secretary, 13 Kensington Square, London, W.

Professors and Lecturers.

| ARTS. | SCIENCE. |
| :---: | :---: |
| Languages.-Classics: Professor Warr. | Mathematics: Mfr. Holme |
| English: Professors Heath, Knight, | Chemistry : Mr. Bloxham. |
| Shuttleworth; Miss Faithfull. | Geology : Professor Se |
| Germanic: Professor Buchheim ; Miss Buchheim. | Biology : Professors Beale, Bottomley. |
| Romance: Professors Perini, Ramirez, Spiers ; Mr. Esclangon. | LAW. Professor John Cutler. |
| Philosophy : Professors Mayor, Knight. |  |
| Political Economy: Professors Cunningham, Shuttleworth. | THEOLOGY. <br> Professor Wace. |
| History: Professors Laughton, Shuttleworth, Warr. | music. |
| Art and Archeology: Messrs. Howgate, Holden, Hulme; Miss Eugénie Sellars. | Professors Bridge, Vernham; Mr. Hamilton Robinson. |

## LONDON SCHOOL OF MEDICINE FOR WOMEN.

30 Handel Street, Brunswick Square, London, W. C.
This school, opened about 1875, provides, in association with the Royal Free Hospital, Gray's Inn Road, instruction for women in all medical subjects. Students do not reside in the school; for a hall of residence in connection with it see p. 85 .

The courses of the London School of Medicine for Women in-
clude all the medical subjects required for the degrees and diplomas of the University of London, the Royal University of Ireland, the Irish and Scotch colleges, and the Society of Apothecaries, London.

Before entering on medical studies students are required to have passed a qualifying examination in Arts. After passing this they should register as soon as possible at the office of the General Medical Council, which requires all medical practitioners to have taken a five years' course, dating from the time of registration. The course comprises five years of study at the school and attendance for four years on the courses of clinical instruction at the Royal Free Hospital. Women may however, by permission of the Executive Council, attend certain of the classes without having passed the examination in Arts and without entering on the complete course of study. Graduates of foreign and colonial universities can occasionally be admitted to the hospital practice when the accommodation permits.

Besides the Royal Free Hospital several other hospitals (the New Hospital for Women, the Clapham Maternity Hospital, the London Fever Hospital, the Hospital for Sick Children, Great Ormond street, and the National Dental Hospital) are open to students of the school. There are two sessions: winter session, October ist to April ist; summer session, May ist to August ist.

The fees for the separate classes vary from one to eight guineas $\$ 5.25$ to $\$ 42$ ) for the session. The cost of a medical education varies considerably according to the requirements of the different examining boards. The "compounder's fee" for the school and hospital courses for four years is, if paid in one sum, $£_{125}$ (\$625). There are several prizes and scholarships varying in value from $£_{5}(\$ 25)$ to $£_{100}(\$ 500)$ a year for three or four years.

Further information and a prospectus can be obtained from the secretary, Miss Heaton, 30 Handel Street, Brunswick Square, W. C.

## Lecturers, Demonstrators and Medical Officers.

Drs. (Mrs.) Garrett Anderson, F. W. Andrewes; (Miss) Aldrich-Blake, James Calvert, Walter Carr, John Cockle, Ray-
mond Crawford, Dupre, Willmott Evans; (Mrs.) Fleming, Halliburton, Hayes; (Miss) McCall, Alexander E. Marsden,

Mercier, Edmund W. Roughton, Harrington Sainsbury; (Mrs.) Scharlieb, Quarry Silcock, Samuel West.
Miss Appel, Boyce Barrow, Battle, Berry; Miss Lucy Boole, Mr: Francis Bottomley; Messrs. Walter Bowring, Stanley Boyd; Miss Clapham; Messrs. Dodd, Horatio Donkin; Mrs. Dowson, Mrs. Willmot Evans, Miss Ewart, Miss For-
rest, Mr. Frederick James Gant, Miss Effield Greene, Miss Hunter, Mrs. Clarke Keer, Miss Edith Knight, Mrs. Ewart Macdonald, Mr. Grosvenor Mackinlay, Mr. Norton, Miss Piercy, Mr. William Rose, Miss Turnbull, Mr. Frederick Todd, Mr. Thomas Wakley, Miss Helen Webb.

## BEDFORD COLLEGE (for Women).

8 and 9 York Place, Baker Street, London, W.
Bedford College, founded in 1849 , is open to women only, and provides instruction in Arts and Science. Students are prepared for all the examinations of the University of London in these subjects; there is also a training department and an art school in connection with the college.

The session is divided into three terms, the first beginning October $3^{d}$ and ending on December 18th; the second beginning on January 16th and ending on March 25th; the third beginning on April 16th and ending on June 24th.

The fees for the separate classes vary from one to three guineas ( $\$ 5.25$ to $\$ 15.75$ ) a term.

Students can reside in the college, the charge for board being from 58 to 68 guineas ( $\$ 304.50$ to $\$ 357.00$ ) a year. The inclusive average fees for residence and tuition are $\$ 472.50$ to $\$ 565.75$. There are several scholarships varying in value from 30 guineas to $£_{48}$ (\$157.50 to $\$ 240.00$ ).

For further information apply to Miss Emily Penrose, principal of the college, Bedford College, 8 and 9 York Place, Baker street, London, W.

## Lecturers.

ARTS.
Languages.-Classical: Mr. Bernard Cook; Miss Hellings; Mr. Platt, M.
A.; Miss Fitzgerald.

English: Dr. Heath, B. A., Ph. D.; Miss G. A. Howell.
Germanic: Mr. Milner-Barry.
Romance: Mr. Victor Oger.
Philosophy : Mr. Muirhead, M. A.

History: Miss Pearose; Mr. Allen, Art: Mr. Johnson.
Pedagogy: Miss M. Vivian Thomas; Miss Lilian Talbot.
science.
Mathematics: Mr. Harding; Miss A. E. Lee.

Physics: Mr. Womack, Miss A. E. Geology: Miss Raisin.

Lee.
Chemistry : Mr. Crompton.

Biology : Dr. Benham, Miss Raisin. Hygiene: Dr. Louis Parkes.

## ROYAL HOLLOWAY COLLEGE (for Women).

Egham, Surrey (Near London).
Royal Holloway College, the beautiful hall of residence of which was opened in 1886 , is situated about twenty miles from London, is open to women only and provides the instruction necessary for London University degrees in Arts and Science, for the London preliminary M. B., and for pass and honour examinations of the University of Oxford. Candidates for admission must be over 17 years of age and are required to pass an entrance examination or to have passed its equivalent.

The college session extends from the beginning of October to the beginning of July, and is divided into three terms of about eleven weeks each.

The fees for board, residence and instruction are $£_{30}$ (\$150) per term, or $£ 90$ ( $\$ 450$ ) a year. Numerous scholarships of $£_{30}$ (\$150) to $£_{75}(\$ 375)$ a year are awarded on the results of examinations. For information apply to the secretary, J. L. CliffordSmith.

## Lecturers.

ARTS.
Languages.-Classics: Mr. Donkin; Miss Dabis; Mr. Allen.
English : Miss Kimpster. Germanic: Miss Corry. Romance: Miss Péchinet. Philology: Miss Wardale. Philosophy: Mr. Muirhead. History: Miss Kimpster. Art: Mr. Carey.

SCIENCE.
Mathematics: Mr. Loney; Miss C. Frost.
Physics: Mr. Cassie. Chemistry: Miss Field. Brology : Miss Bedson, Miss Durham.
music.
Miss Daymond; Mr. Bumett, Miss Glazebrook.

## LOCAL COLLEGES AFFILIATED TO THE UNIVERSITY OF LONDON AND OTHER UNIVERSITIES.

In addition to University College, King's College and Bedford College (see pp. 84-88), there are numerous local colleges affiliated
to the different universities in England and Wales. These colleges prepare principally for the degrees of B.A. and B.Sc., hence no full account of them is given here, as they offer few courses which may properly be called graduate. They, as a rule, admit women to the Arts and Science classes on the same terms as men. No students are admitted under 16 years of age. No requirements are made as to residence, but there are halls of residence for women in connection with most of the colleges.

The college session, beginning in October, is usually divided into three terms, each of about eleven weeks' duration.

The fees for the different classes vary from $I$ to 3 guineas ( $\$ 5.25$ to $\$ 15.75$ ) per term, the cost of one of the ordinary degree courses for the year being about $£ 20$ ( $\$ 100$ ).

Numerous prizes and scholarships of considerable value are open to students of the different colleges.

For further information about any particular college application should be made to the registrar. The following is a list of the most important :

* Aberystwyth, University College of Wales; * Bangor, University College of North Wales; Birmingham, The Mason College; Bristol, University College; *Cardiff, University College of South Wales and Monmouthshire; $\dagger$ Leeds, The Yorkshire College; $\dagger$ Liverpool, University College; $\dagger$ Manchester, The Owens College; $\ddagger$ Newcastle-on-Tyne, Durham University College of Science; Nottingham, University College ; Sheffield, Firth College.


## MANCHESTER, England.

## VICTORIA UNIVERSITY.

## The Owens College, Manchester.

This university, founded in 1880 , and having its seat at the Owens College, Manchester, is an examining body with power to confer degrees in Arts, Science, Law, Medicine and Music. The general

[^8]scheme of the examinations is similar to that of London University and they are open to women on the same conditions as to men.

All candidates must have been regular students of one of the colleges of the university. These colleges are: The Owens CoIlege, Manchester; University College, Liverpool; The Yorkshire College, Leeds (see p. 90).

Enquiries should be addressed to the registrar of the Victoria University, Manchester, and information may be obtained from the calendar of the university; price, is (\$0.25).

OXFORD, England.

## THE UNIVERSITY OF OXFORD.

The University of Oxford, founded in the twelfth century, is a corporation which provides instruction in the various branches of knowledge and confers degrees in Arts, Science, Law, Medicine, Theology and Music on candidates who have fulfilled certain conditions in regard to residence at specified colleges and passed certain examinations.

There are in Oxford twenty-two colleges, two halls and three residences for non-collegiate students, each with its own staff of lecturers and tutors. University lectures, given by university professors and lecturers, are open to students in general ; college lectures are in some cases open to students of specified colleges only.

University and college lectures, with the exception of those in Medicine, are in most cases open to women. The courses that are closed are indicated below. Permission to use the university libraries is also in general granted to women who present a formal application signed by two resident Masters of Arts, though the librarians reserve the right of refusing applications in case of overcrowding. Women have been permitted to attend certain of the university laboratories, in particular the Museum, Christ-Church, Botanical Gardens, and Millard laboratories.

Women are allowed to enter for all the public examinations of the university, except those for medical degrees, and their names are published by the examiners in the class lists in the same manner
as those of the men. There is, in addition, an honour examination in Modern Languages open to women only. Women students who have passed one of certain specified preliminary examinations in two languages and elementary mathematics, or who are graduates of colleges included in the Association of Collegiate Alumnæ, U. S. A., are admitted without further condition to all the public and honour examinations of the university, with the exception of those in Medicine. Residence in Oxford is not required.

Names of candidates must be sent in through the secretary of the Local Examinations Delegacy, H. T. Gerrans, Esq., Clarendon Building, Oxford, from whom the regulations can be obtained.

A petition to the university, presented in the spring of 1896 , asking for the admission of duly qualified women to the B.A. degree has been refused.

The year is divided into three terms, each of eight weeks' duration, beginning respectively about the middle of October, middle of January and middle of April.

Women who desire to attend lectures in Oxford should put themselves in communication with the "Association for Promoting the Education of Women in Oxford" (see p. 93), and apply for information to the hon. secretary, Miss Rogers, Clarendon Building, Oxford.

## Professors and Lecturers.

The list of lecturers for each term is published just before the beginning of the term in the "Oxford University Gazette." The following list is compiled from the Gazette for October, 1895. Italics indicate that the lecturer has not yet been asked to admit women. The * indicates that the lecturer has refused to admit women.

ARTS.
Languages.-Semitic: Professors Driver, Margoliouth, Sayce; Messrs. Allen, Burney, G. A. Cooke, Neubauer, Stenning.
Indo-Iranian : Professors Legge, Macdonell; Messrs.Bellairs, Blumhardt, Platts, Pope, St. John, Wells.
Classical : Professors Bywater, *Ellis; Messrs. Abbott, Adamson, Allen, Bailey, Barton, Burge, Buassell, Carter, Clark, *Cookson, Cooper, Farnell, Ferard, Forbes, Fox, *Godley, *Greene, Haigh, Inge, Jones, King,

Lester, *Lindsay, Lock, Lys, Matheson, Monro, *Mulvany, *Owen, Palmer, de Paravicini, PickardCambridge, Poynton, Prickard, Raper, Richards, Robertson, Scott, Sidgwick, Snow, Spurling,*Warren, Williamson.
English: Professors Napier, Earle; Messrs. Richardson, de Selincourt.
Germanic: Professor Rhys; Messrs. Macdonell, Morfill.
Romance: Messrs. de Arteaga, *Bué, Coscia, Moore.

Comparative Philology: Deputy Proessor Wright.
Philosorhy: Professors *Case, Wallace, Cook Wilson; Messrs. Blunt, Caird, Cannan, Carlyle, Fairbrother, Grose, Hadow, Wright Henderson, de la Hey, Hobhouse, Joachim, Joseph, Leigh, Marett, Munro, Rashdall, Richards, Smith, Spooner, Stewart, *Underhill, Warner, *Webb, Wylie.
Political Science: Professors Edgeworth, Viscount St. Cyres; Messrs. Carlyle, Marriott, Phelps, Rashdall, Smith, Pogson Smith.
History : Professors Montagu Burrows, Pelbam, Sir F. Pollock, York Powell; Messrs. Abbott, Armstrong, *Benecke, *Case, Strachan-Davidson, Edwards, Fisher, *Fletcher, Fowler, Greenidge, Hall, Hardy, Hassall, Haverfield, Henderson, How, Hutton, Johnson, Stuart Jones, Macan, Medley, *Mee, Myres, Oman, Owen, Poole, Richards, Robertson, Tracey, *Underbill, Wakeling, Walker, Wells, Wood.
Archeology: Professor Gardner; Messrs. Farnell, Haverfield.

SCIENCE.
Mathematics : Professors Elliott,Esson, Price, Turner ; Messrs. Campbell, Dixon, Gerrans, Haselfoot, Hayes, Jolliffe, Leudesdorf, *Pedder, Russell, Sampson, Thompson.

Physics: Professor Clifton; Messrs. Baynes, Churchill, Sir J. Conroy, Davies, Smith, Walker.
Chemistry: Professor Odling; Messrs. Elford, Fisher, Gardner, Vernon Harcourt, Marsh, Veley, Watts.
Geology: Professor Green.
Geography : Mr. Mackinder.
Biology : Professors Gotch, Ray Lankester, Poulton, A. Thomson, Tylor, Vines; Dr. Pembrey; Messrs. Benham, Bourne, Günther, Haldane, Thompson.
Agriculture: Professor Warington.
LAW.
Professors Dicey, Goudy, Holland, Sir F. Pollock, Sir W. R. Anson; Messrs. Burnham, Duff, Holdsworth, Sir W. Markby, Montague, Moyle, Pottinger, Prankerd, Raleigh, Williams, Wilson.
medicine.
No courses are open.
THEOLOGY.
Professors Bright, Cheyne, Driver, Ince, Moberly, Sanday; Messrs. Allen, Bebb, Bennett, Burney, Carlyle, Casher, Chavasse, Cooke, Headlam, Wright Henderson, Kidd, Lock, Lovell, Maude, Moore, Neubauer, Ottley, Pullan, Spooner, Stenning, Strong, Turner, Webb, H. A. White, H. J. White, Wright.

## THE ASSOCIATION FOR PROMOTING THE EDUCATION OF WOMEN IN OXFORD.

The object of this association is to establish and maintain a system of instruction having general reference to the Oxford examinations. Women, however, who do not offer themselves for the university examinations are not precluded from sharing the advantages of the association.

Women who wish to attend lectures in Oxford should register themselves as students of the association. Registered students are required to pay five shillings ( $\$ \mathrm{I} .25$ ) annually. The hon. secretary, Miss Rogers, Clarendon Building, Oxford, will give full information as to the lectures that are open.

The lectures given in Oxford are of three kinds: (1) Those given by professors and readers of the university, which are generally open without fee; (2) those given in the different colleges for men, for which the fees vary from one to two guineas ( $\$ 5.25$ to $\$ 10.50$ ) for the course; (3) those provided by the association, fees from sixteen shillings ( $\$ 4.00$ ) to two guineas ( $\$ 10.50$ ). Tutorial help, which forms an essential part of the Oxford system of teaching, may be obtained from tutors appointed by the association, fees from £2 (\$10) to $£_{4}(\$ 20)$ a term for one hour a week. The cost of lectures and tuition does not as a rule exceed $£ 25$ (\$125) a year.

There are three terms in the year, each of eight weeks' duration, beginning respectively about the middle of October, the middle of January and the middle of April.

Residence.-There are three halls of residence for women students, each with a resident principal and several resident tutors. The tuition of students resident in these halls is arranged for by the association.

Somerville College.-St. Aldates, Oxford, opened in 1879, provides accommodation for sixty-five students; no student is admitted under the age of seventeen, and students are required to give satisfactory references to the principal and to satisfy her that they are qualified to profit by the course of study at Oxford.

The inclusive charges for board, lodging and tuition are $£_{3015} \mathrm{~s}$.
 to be paid in advance.

Further information may be obtained from the principal, Mrss Maitland, or the secretary, the Hon. Alice Bruce, Somerville College, Oxford. Resident tutors are: Miss S. Melhuish, Miss M. Pope, Miss F. Hayllar.

Lady Margaret Hall.-Oxford, opened in 1879, has accommodation at present for about fifty students. Students who desire to enter must have passed an examination in two languages and elementary mathematics, and must give satisfactory references to the principal. Students coming from another college or university must present a letter of recommendation from its authorities.

Fees for board and residence are $£_{75}(\$ 375)$ a year. Fees for tuition are paid to the association; (see p. 93).

Several scholarships, varying in value from $£_{25}$ (\$125) to $£_{50}$ ( $\$ 250$ ) a year for three or four years, are given annually on the results of an examination held in June.

Further information may be obtained from the lady principal, Miss Wordsworth, or the secretary, Miss Lodge, Lady Margaret Hall, Oxford. Tutors: Miss Sellar, Miss Talbot.

St. Hugh's Hall.-Oxford, founded in 1886, is intended for members of the Church of England. It provides accommodation for only a few students. Charges for board and residence $£_{45}$ (\$225) to $£ 66$ ( $\$ 330$ ) a year.

Home Students.-Students who do not reside in a hall are called "Home Students" and are under the care of a principal, Mrs. A. H. Johnson, 8 Merton street, Oxford, from whom particulars may be obtained. Students may be received as boarders in a private family at a charge of from $£_{1} 5 \mathrm{~s}$. (\$6.25) to $£_{2}$ 12s. 6 d . (\$13.12) a week. The cost of lodgings in Oxford is from 12s. ( $\$ 3.00$ ) a week upwards, and board may be reckoned at 12 s . ( $\$ 3.00$ ) a week.

The "Calendar" of the association may be obtained from the office, Clarendon Building, Oxford. Price, 6d. (\$o.12).

## Lecturers and Tutors.

[^9]Modern History : Mr. Armstrong, Miss Lodge, Mr. Marriott, Mrs. Marriott, Mr. Medley, Miss Melhuish, Mr. Wakeling, Miss Whelpton.
science.
Mathematics and Physics: Mr. Gerrans, Miss Pearson, Mr. Russell. Natural Science: Miss Kirkaldy, Mr. Nagel.

## WALES.

## THE UNIVERSITY OF WALES.

This university is an examining body, with three affiliated colleges: the University College of Wales, the University College of North Wales, and the University College of South Wales (see pp. 89,90 ). The university was founded very recently and is not yet fully organised, but the general scheme of the examinations is similar to that of the University of London.

## IRELAND.

There are two universities in Ireland, both situated in Dublin: the Royal University of Ireland, which is merely an examining body; and the University of Dublin (Trinity College), which is a college for men, conferring its own degrees, to which women are not admitted. Affiliated to the University of Ireland are three small local colleges: Queen's College, Belfast; Queen's College, Cork; and Queen's College, Galway.

## DUBLIN, Ireland.

## THE ROYAL UNIVERSITY OF IRELAND.

The Royal University of Ireland, founded in 1850 , is an examining body conferring degrees in Arts (B.A., M.A., D. Lit.) ; Philosophy (D.Ph.) ; Science (B.Sc., D.Sc.) ; Engineering (B.E., M.E.) ; Law (LL.B., LL.D.) ; Medicine (M.B., M.D., B.Ch., M.Ch., B.A.O., M.A.O.) ; Music (B. Mus., D. Mus.).

All degrees, honours, exhibitions, prizes, scholarships, studentships and junior fellowships in the university are open to students of either sex.

The degrees are conferred on candidates that have passed a prescribed series of examinations held by examiners appointed by the university. The examinations must be taken in a prescribed order, and in general an interval of at least one academic year must elapse between two consecutive examinations.

The B.Sc. degree differs from that of the University of London in being conferred on the result of an examination taken after an interval of at least one academic year from the time of graduating in any faculty of the university.

Prizes, exhibitions, scholarships, and fellowships, varying in value from $£_{12}(\$ 60)$ to $£_{200}(\$ 1,000)$ a year, for four years are open to competition.

No conditions as to residence are imposed, and candidates for degrees may obtain their education where they please.

Colleges affiliated with the Royal University are the Queen's Colleges of Belfast, Cork and Galway; (see below).

Further information may be obtained from the Calendar of the Royal University of Ireland or from the registrar, The Royal University of Ireland, Dublin.

## COLLEGES AFFILIATED TO THE ROYAL UNIVERSITY OF IRELAND.

Belfast, Cork, Galway.

The three colleges, Queen's College, Belfast; Queen's College, Cork; and Queen's College, Galway, prepare for the examinations of the Royal University of Ireland; they provide lectures, but do not provide for residence. Women are admitted on the same conditions as men to all the lectures, and by a recent decree all scholarships and prizes have been opened to them, so that women have now equal facilities with men.

The college session, beginning in October, is divided into three terms, each of about ten weeks' duration.

The fee for each course is $£_{2}$ ( $\$ \mathrm{Io}$ ) or $£_{3}(\$ 15)$ for the session. Further information may be obtained from the registrar of the particular college.

QUEEN'S COLLEGE, BELFAST.
Professors and Lecturers.

ARTS.
Languages. - Classical: Professors Dill, Dougan.
Modern: Professors MacMullan, Meissner.
Philosophy: Professor Park.
Political Economy: Prafessor Graham.
History : Professor MacMullan. SCIENCE.
Mathematics: Professor Purser. Physics: Professor Everett.

Chemistry : Professor Letts.
Geology: Professor Cunningham. Biology, etc.: Professors Symington, Thompson.
Engineering: Professor Fitzgerald. Agriculture: Professor Hodges. LAW.
Professors Graham, Strahan. medicine.
Professors Byers, Cuming, Sinclair, Whitla; Drs. Hodges, Lorrain Smith.

## QUEEN'S COLLEGE, CORK.

Professors and Lecturers.

ARTS.
Languages. - Classical: Professors Keenen, Lewis.
Modern: Professors Butler, SavageArmstrong.
Philosophy and Political Economy: Professor Stokes.
History : Professor Savage-Armstrong.
Architecture: Mr. Arthur Hill.
science.
Mathematics: Professor Anglin.

Physics: Professor Bergen. Chemistry: Professor Dixon.
Biology : Professors Charles, Hartog. Hygiene: Mr. Donovan.
Engineering: Professor Jack.
LAW.
Professor Barry.
MEDICINE,
Professors Corby, Pearson, O'Sullivan, Townsend; Drs. Cotter, Sandford, Woods.

## QUEEN'S COLLEGE, GALWAY.

Professors and Lecturers.

ARTS.
Languages. - Classical: Professors Sandford, Thompson.
Modern: Professors Moffett, Steinberger.
History: Professor Moffett.
sCIENCE.
Mathematics: Professor Dixon.
Physics: Professor Anderson; Mr. John Heary.

Chemistry: Professor Senier; Mr. A. J. Walker.

Biology : Professors Anderson, Pye; Mr. Allen.
Engineering: Professor Townsend.
LAW.
Professors Bastable, Campion.
Mrofessors Brereton, Colahan, Kin-
kead, Lynham.

MEDICINE.
Professors Brereton, Colahan, Kinkead, Lynham.

## THE UNIVERSITY OF DUBLIN. Trinity College, Dublin.

The University of Dublin consists of only one college, Trinity College, founded in 1591. It confers degrees in Arts, Science, Law, Medicine, Theology and Music.

No degrees are granted to women, and women are admitted only to those lectures that are open to the public and free. Public lectures are given in German, Hebrew, Irish, Biblical Greek, Ancient History, Astronomy, Geology and Mineralogy, Law, Divinity and Oratory.

In 1895, with a view to testing the probable numbers and the ability of the women students who wished to be admitted to the honour examinations, the university framed the following new regulations applying to the years 1896,1897 and 1898 only :

1. Women who have obtained at any of the Trinity College examinations either a junior or a senior certificate* may be examined in the same honour courses as the senior freshmen.
2. Those who have obtained a senior certificate may, under the same conditions, if they prefer it, be examined in any of the courses for moderatorships.

Women are permitted to use the university library for purposes of research on the same conditions as men.

There are three terms in the year: Michaelmas term, beginning October 1 oth and ending December 2oth; Hilary term, beginning January foth and ending March 25th ; Trinity term, beginning April 15 th and ending June 30 th.

Full information is given in the Dublin University Calendar (Dublin), Hodges, Figgis \& Co. ; price, 4s. (\$r.oo). Enquiries may be addressed to the registrar, Trinity College, Dublin.

## Professors and Lecturers.

Languages.-Semitic: Professors Abbott, Aulad Ali; Messrs. Conner, Gray, Palmer.
Crassical: Professors Beare, Tyrrell; Messrs. Hemphill, Mahaffy, Arthur Palmer, William Starkie.
English: Professor Edward Dowden.
Germanic: Professor Selss.
Romance: Professor Atkinson.
Irish : Professor Goodman.
Comparative Philology: Professor Atkinson.
Philosophy: Professor Beare.
Political Economy: Professor Bastable.
History: Professors Bury, Mahaffy, Stokes.
Oratory (Rhetoric): Professor Dowden. science.
Mathematics and Astronomy : Professors Burnside, Arthur Panton, Rambaut; Mr. Martin.

Physics: Professors Fitzgerald, Tarleton; Messrs. Joly, Traill, Trouton.
Chemistry: Professors Bailey, Reynolds; Mr. E. A. Werner.
Mineralogy and Geology : Professor Sollas.
Biology: Professors Mackintosh, Wright; Mr. Dixon.
Engineering: Professor Alexander; Mr. Walter E. Lilly. LAW.
Professors Hart, Leech, Thompson. MEDICINE. Professors Charles Bent Ball, Sir John Banks, Bennett, Cunningham. theology.
Professors Bernard, Cooper, Dickinson,
Gwynn, Stokes; Messrs. Abbott, Berry, Carleton, Conner, Graham, Gray, Johnston, Roberts, Stokes, Walsh, Wilkins. music.
Professor Ebenezer Prout.

[^10]
## SCOTLAND.

There are four universities in Scotland-Aberdeen, St. Andrews, Edinburgh, and Glasgow. These are all teaching as well as examining bodies and confer degrees. Women are in every case admitted to the degrees in Arts, Science and Medicine, and at Aberdeen to the degrees in Law. The university lectures are as a rule open to women, but in some cases separate instruction is provided for them, and separate lectures are given by the university professors and lecturers.

University College, Dundee, affiliated to St. Andrews University, admits women to all its classes and prepares for the examinations of Edinburgh, Glasgow and London Universities. There are special medical schools for women at Edinburgh and Glasgow.

## ABERDEEN, Scotland.

## UNIVERSITY OF ABERDEEN.

The University of Aberdeen gives instruction and confers degrees in Arts, Science, Law, Medicine and Theology. Women are admitted to graduation in all these subjects with the exception of Theology, and all classes in Arts and Science are open to women, as are also, with some exceptions, the classes in Medicine.

The academic year is divided, in the Faculties of Arts, Science and Medicine, into two sessions, the winter session beginning in the middle of October and ending in the middle of March, and the summer session beginning in the end of April and ending about the middle of July.

The matriculation fee is one guinea ( $\$ 5.25$ ) and the class fees vary from one to three guineas ( $\$ 5.25$ to $\$ 55.75$ ). There are numerous prizes and bursaries, the majority of which are open to women.

Women are permitted to use the libraries and reading rooms together with the men students.

For further information apply to the secretary, Mr. Donaldson Rose Thom.

The Aberdeen University Calendar is published by A. King \& Co., Aberdeen; price, 2s. 6d. (\$0.62).

## Professors and Lecturers.

ARTS.
Languages.-Semitic: Professor GilJoy.
Classical: Professors Harrower, Ramsay; Messrs. Middleton, Mills.
English : Professor Grierson; Mr. Diack.
Romance: Dr. Scholle.
Philosorhy: Professors Adamson, Sorley; Mr. Lobban.
Elocution : Mr. MacLeod.
Literature: Professor Ramsay; Mr. Middleton.
Pedagogy: Dr. Ogilvie.
science.
Mathematics: Professor Pirie; Mr. Clark.
Physics: Professor Niven; Mr. Ogg.
Chemistry: Professor Japp; Dr. Murray.

Biology : Professors MacWilliam, Nicholson, Reid; Messrs. Brown, Gillespie, Low, Marnoch.
Botany : Professor Trail; Mr. Gage.
Agriculture: Mr. T. Jamieson.
Law.
Profersor T. D. Wilson ; Messrs. Campbell, Ruxton.

MEDICINE.
Professors Cash, Finlay, Hamilton, Hay, Ogston, Reid, Stephenson ; Drs. Gordon, Rennet; Messrs. Dean, Don, Findlay, Gillespie, Low, Marnoch, McKerron, Rennet.

THEOLOGY.
Professors Cowan, Johnston, Paterson; Dr. Ward ; Messrs. Davidson, MacLeod.

DUNDEE, Scotland.

## UNIVERSITY COLLEGE.

This college provides instruction in Arts, Science and Medicine, and prepares students for graduation in these subjects at the Universities of St. Andrew's, London, Edinburgh and Glasgow.

The classes are open to all persons without restrictions as to age or sex, but all candidates for graduation must take the preliminary examination or must have taken an equivalent examination. The entrance examinations of most foreign universities are considered equivalent.

The academic year is divided into a winter session, beginning on October 15th and ending on March 26th, and a summer session, beginning on April 27th and ending on July 3d.

The fees for each class are from one guinea ( $\$ 5.25$ ) to three guineas (\$15.75). The registration fee is IOs. 6d. (\$2.62).

Students do not reside in the college.
For further information see the college calendar, or apply to the secretary, Mr. R. N. Kerr.

Professors and Lecturers.

Languages.-Classical : Professor Peterson ; Dr. Masson; Mr. Hannay. English : Professor M'Cormick; Mr. Hannay.
German and French; Mr. Durlac. science.
Mathematics: Professor Steggall; Dr. M'Cowan.
Physics: Professor ——— Dr. M'. Cowan.

## Cons

Chemistry: Professor Walker ; Messrs. Appleyard, Hambly.
Biology: Professors Geddes, Mackay; Waymouth Reid, D'Arcy W. Thompson ; Mr. Waite.
Engineering: Professor Claxton Fidler; Mr. T. Reid.
medicine.
Drs. MacEwan, Rorie, Templeman ; Mr. M'Gillivray.

## EDINBURGH, Scotland.

## UNIVERSITY OF EDINBURGH.

This university, founded in 1582 , is a teaching and examining body, giving instruction and conferring degrees in Arts, Science, Law, Medicine and Theology.

All the Arts classes and some of the Science classes have been open to women since 1892 , but some of the instruction in Science is given for women at the Edinburgh School of Medicine for Women, Surgeon Square, Edinburgh, and at the Medical College for Women, Chambers Street, Edinburgh.

All the degrees in Arts, Science and Medicine are open to women, but the degrees and classes in Law and Theology are not open.

Students desiring to attend the classes must obtain a matriculation card and pay the matriculation fee of one guinea $(\$ 5.25)$. The matriculation fees, class fees, etc., amount to about ten guineas (\$52.50) yearly. Fees for the separate classes are from one guinea ( $\$ 5.25$ ) to three guineas ( $\$ 15.75$ ) for the session.

The academic year is divided into two sessions-a winter session, beginning early in October and ending early in April; a summer session, beginning early in May and ending early in July.

A section of the university library is set apart for women and they have access to all the books.

The university scholarships are not generally open to women, but there are several scholarships open to women only.

There are no requirements as to residence, but there is a hall of residence for women students-Crudelius University Hall, Burns Land, 457 Lawnmarket, Edinburgh. The cost of rooms is from 6 s .6 d . ( $\$ 1.6 \mathrm{o}$ ) to ros. 6 d . ( $\$ 2.62$ ) per week, including the use of a common sitting room, light, service, etc. The cost of board is about nine shillings (\$2.25) a week. For particulars apply to the hon. secretary, Mrs. Salmon, 8 Ramsay Garden, Edinburgh.

Further information may be obtained from the Edinburgh University Calendar, published by James Thin, 55 South Bridge, Edinburgh, price, 3 s. (\$0.75); or from Mrs. Louisa Stevenson, hon. secretary of the Edinburgh Association for the University Education of Women, 13 Randolph Crescent, Edinburgh.

## Professors and Lecturers.

Languages.-Semitic: Professor Kennedy; Drs. Kennedy, Stirling; Mr. Kay.
Classical : Professor Butcher; Messrs. Jamieson, Thomson.
English: Professor Masson; Mr. Smith.
Germanic: Mr. Schlapp.
Romance: Dr. Sarolea.
Celtic: Professor Mackinnon.
Comparative Philology: Professor Eggeling.
Philosophy: Professors Calderwood, Seth ; Dr. Douglas; Mr. Hardie.
Political Economy : Professor Nicholson.
History : Professors Kirkpatrick, Prothero.
Pedagogy : Professor Laurie.
Art and Archeology: Professors Brown, Gerhard. sCIENCE.
Mathematics and Astronomy : Professors Chrystal, Copeland ; Dr. Knott ; Mr. Tweedie.
Physics: Professor Tait; Dr. Peddie;

Mr. Lindsay.
Chemistry: Professor Brown; Drs. Dobbin, H. Marshall ; Messrs. Taylor, Watson.
Mineralogy : Dr. Marshall;
Geology : Professor Geikie ; Mr. Flett.
Biology: Professors I. B. Balfour, Ewart, Wm. Rutherford ; Drs. Beard, Wilson ; Messrs. Burrage, Terras.
Engineering: Professor Armstrong; Messrs. Kerr, Rennie.
Agriculture : Professor Wallace; Drs. Aitkin, Fream; Colonel Bailey. LaW.
Professors Sir Ludovic Grant, Kirkpatrick, Mackintosh, Sir Douglas Maclagan, Nicholson, Rankine, Wood; Messrs. Ballantine, Burnet, Connon, Irvine.

MEDICINE.
Professors Annandale, Balfour, Brown, Chiene, Ewart, Greenfield, Fraser, Sir Douglas Maclagan, Rutherford, Simpson, Sir T.Stewart, Sir Wm. Turner; Drs, Beard, Carlier, Carmichael, Clouston, Dobbin, Hepburn, Mann, Marshall,

Muir, Playfair, Rohertson, Stewart, Tillie, Turner, Webster, Wilson, Young; Messrs. Burrage, Fleming, Fortune, Hutchison, Rainy, Sillar, Stiles, Taylor, Terras, Watson, Welsh, Yoeman.

THEOLOGY.
Professors Charteris, Flint, Kennedy, Taylor; Drs. Fraser, Hastie, Kay,Milroy. music.
Professors Niecks, Kirkpatrick.

## EDINBURGH SCHOOL OF MEDICINE FOR WOMEN.

Surgeon Square, Edinburgh.

This school, in connection with the Royal Infirmary, Edinburgh, in which eighty beds are set apart for the clinical instruction of women, prepares for the medical examinations of the University of Edinburgh. The two years' residence required by the university can be kept at this school.

The year is divided into the winter session, beginning about October ioth and ending about April ist, and the summer session, beginning about May ist and ending about August ist. The full course of study is five years. The school and hospital fees vary from $£_{20}(\$ 100)$ to $£_{30}(\$ 150)$ a year; the total expense of the five years' course is estimated to be about $£_{1} 60$ ( $\$ 800$ ).

There are several scholarships and bursaries, varying in value from $£_{25}(\$ 125)$ to $£_{50}(\$ 250)$ a year.

There is as yet no hall of residence, but it is hoped that one will soon be founded.

For further information apply to Miss La Cour, School of Medicine, Surgeon Square, Edinburgh, who will send copies of the school prospectus and of the Syllabus of the Medical Faculty of the University of Edinburgh, post free, for 6d (\$0.12).

## Lecturers.

[^11]
## MEDICAL COLLEGE FOR WOMEN.

 20 Chambers Street, Edinburgh.The particulars given for the School of Medicine hold good for the Medical College. For further information apply to the secretary, Miss Mackay.

## Lecturers.

Drs. Ballantyne, Bell, Craig, Cum- Thomson, Tuke, Tumer; Messrs. Brewis, ming, Felkin, Husband, Littlejohn, Macadam, Murdoch, Thomson, TurnMackay, Noel Paton, Philip, Russell, bull, Whitaker.

GLASGOW, Scotland.

## UNIVERSITY OF GLASGOW.

This university, founded in 1451 , is a teaching and examining body giving instruction and conferring degrees in the five Faculties of Arts, Science, Law, Medicine and Theology.

In 1892 the University Commissioners empowered the Scotch University Courts to provide instruction for women, and accordingly Queen Margaret College, a college for women only, was taken over by the university and formed into a women's department.

In Queen Margaret College lectures are given for women only by the university professors in Arts, Science, Mental Philosophy and Medicine, and these lectures qualify for the degrees of the university.

All degrees of the university are open to women on the same conditions as to men. After graduation women become members of the University Council.

In addition to the classes for women held in Queen Margaret College, women have been allowed to attend a few of the honours classes in the university in Moral Philosophy, Political Economy, History, Education, and Insanity.

The requirements for admission to the university are the preliminary examinations, which are different for Arts, Science and Medicine, and must be passed by all the students who wish to take the degrees. The classes are also open, without any preliminary examinations, to students not desiring to take the degrees.

Queen Margaret College has in connection with it a hall of residence for women students, information in regard to which may be obtained from Mrs. Riddoch, honorary secretary, 2 Lawrence Place, Dowanhill, Glasgow.

The number of women students in 1895-96 was 234, of whom 67 took the courses in Medicine. Permission to attend courses in Law and Divinity has not yet been applied for by women.

Women students are allowed to borrow books from the university library, and there is a reading room in Queen Margaret College.

In Medicine a complete course of five years' instruction is arranged by Queen Margaret College, and in the Royal infirmary 200 beds are appropriated to the exclusive instruction of women students. Women also study at the Royal Hospital for Sick Children, the Glasgow Maternity Hospital, the Royal Lunatic Asylum, Gartnavel; the Eye Hospital, Charlotte Street; and the City of Glasgow Fever Hospital.

The college year is divided into two sessions: the winter session, beginning October 21 st and ending March 20th or 27th; the spring session, beginning, in Medicine and Science, on April 21 st, and in Arts on May ist, lasting in each case ten weeks.

The fees are from one guinea ( $\$ 5.25$ ) to three guineas ( $\$ 15.75$ ) for each class for the session, and should be paid at the secretary's office, Queen Margaret College.

The majority of scholarships and fellowships are not open to women, but the university has been empowered to open to women any scholarships or fellowships that have been founded not more than twenty-five years.

Further information may be obtained from the Glasgow University Calendar, published by James Maclehose \& Sons, 61 St. Vincent Street, Glasgow; price, 3s. (\$o.75).

## Professors and Lecturers.

[^12][^13]Philosophy: Professors Adamson, Jones. Political Science: Dr. Smart. History : Professor Lodge.
Pedagogy: Dr. Ross.
SCIENCE.
Mathematics and Astronomy : Professors Becker, Jack; Mr. Gibson.
Physics: Professor Lord Kelvin; Messrs. Blyth, Maclean.
Chemistry: Professor Ferguson; Mr. Gray.
Botany : Professor Bower.
Brology : Professor Young ; Mr. Rankin.

Engineering: Professors Barr, Biles. LAW.
Professors Moir, Moody Stuart; Messrs. Irvine, Mackenzie, M'Kechnie, Miller.

MEDICINE.
Professors Anderson, Buchanan, Cameron, Charteris, Cleland, Coats, Gairdner, Macewen, M'Kendrick Simpson; Drs. Barr, Reid, Yellowlees, Young; Messrs. Biles, Bryce, Downie, Hawthorne.

THEOLOGY.
Professors Stewart, Story; Dr. Caird.

## ST. ANDREWS, Fife, Scotland.

## THE UNIVERSITY AND COLLEGE OF ST. ANDREWS.

The University of St. Andrews gives instruction and confers degrees in Arts, Science, Law, Medicine and Theology. In it are incorporated the United Colleges of St. Salvator and St. Leonard, restricted to the teaching of Arts, Science, Law and Medicine, and the College of St. Mary, which is restricted to the teaching of Theology. Degrees are conferred on candidates who have attended certain classes for specified times and passed certain examinations.

All classes are open, without restrictions, to women, as are also degrees in Arts, Science and Medicine. In special cases graduates of foreign universities are excused from the preliminary examinations for the degrees.

The University of St. Andrews holds a special examination for women only and grants to all who pass this examination a diploma and the title of L.L.A.

The academic year is divided into two sessions: a winter session of twenty weeks, beginning early in October, and a summer session of ten weeks, beginning in the third week of April.

The fees are $£_{3} 3$ s. ( $\$ 15.75$ ) for each class for the winter session and $£_{2} 2 \mathrm{~s}$. ( $\$ 10.50$ ) for the summer session. The matriculation fee is $£_{1} 1 \mathrm{~s}$. ( $\$ 5.25$ ).

Several bursaries' (scholarships) varying in value from $£_{15}(\$ 75)$ to $£_{30}$ ( $\$ 150$ ) yearly are open for competition to women students
only. The question of opening more of the bursaries and fellowships to women is under consideration.

There is a hall of residence for women students (University Hall, St. Andrews). The charge for board and residence is $£_{40}$ ( $\$ 200$ ) for the winter session and $£_{20}$ ( $\$ 100$ ) for the summer session. Enquiries should be addressed to the warden of the hall, Miss Louisa Innes Lumsden.

Further particulars in regard to the university may be found in the St. Andrews University Calendar, and further information may be obtained from the registrar, the University of St. Andrews, Scotland.

## Professors, Lecturers and Assistants.

 ARts.Languages.-Semitic: Professor Birrell; Mr. Cant.
Classical: Professors Burnet, Campbell, Roberts; Messrs. Craigie, Maclennan.
Modern : M. Roget.
Philosophy: Professors Knight, Ritchie; Messrs. Gibson, Latta.
Pedagogy : Professor Meiklejohn.
sCIENCE.
Mathematics: Professor Lang, Mr.
Physics: Professor Butler; Mr. Robson.
Chemistry : Professors Purdie, Heddle; Mr. M' Kenzie.
Bıology : Professors William M'Intosh; Messrs. Masterman, Robertson.

MEDICINE.
Professor Pettigrew.
theology.
Professors Herkless, Menzies, Stewart; Professor Emeritus Ferrier Mitchell.

## GREECE.

The only educational institutions of any importance in Greece are the National University in Athens, and the American, English, French and German Schools of Archæology, also situated in Athens. The University of Athens was opened to women in December, 1895. The other schools, which give no degrees, are founded principally for the purposes of research and exploration, and in general admit women.

## ATHENS, Greece.

## THE UNIVERSITY OF ATHENS.

This university was founded in 1837 on the same general plan as that of the German universities. It was opened to women, in spite of great opposition, in December, 1895 , and it is said that five women are now registered students. The university consists of the four Faculties of Philosophy (Arts and Science), Law, Medicine and Theology, and confers the degree of Doctor in each of these faculties.

The academic year is divided into the winter semester, beginning on September 15 th and ending on February ist, and the summer semester, lasting from February ist till June i5th.

The tuition fees for the year are 160 dr . ( $\mathbf{\$ 1}_{19.20}$ ), and there is a fee of 100 dr . (\$12) for the Diploma of Doctor.

The number of professors is very large, and on this account the list is omitted. It may be found in the Minerva Jahrbuch der Gelehrten Welt. For further information apply to the secretary, Mr. Petros Bryzakis.

## THE AMERICAN SCHOOL OF CLASSICAL STUDIES.

This school was founded by the Archæological Institute of America in 1881, and is supported by the coöperation of leading American universities and colleges. Its object is to furnish an
opportunity to study classical Literature, Art and Antiquities and to aid in conducting the exploration and excavation of classical sites.

All the courses and privileges of the school are open to women as to men. Bachelors of Arts of coöperating colleges, and Bachelors of Arts who have been graduate students at coöperating colleges, are admitted to membership on presenting a certificate from the classical department of the college in which they last studied. American students, resident or travelling in Greece, may be enrolled as special students at the discretion of the director.

The applicant for admission to the school should fill out a registration blank (which may be obtained from the chairman of the managing committee or the director), and send this with his credentials to the chairman, Prof. Thomas Day Seymour, Yale University, New Haven, Conn.

Two fellowships, of the value of $\$ 600$, will be awarded for 1896-97, mainly on the result of a written examination, but other evidences or ability and attainments will be considered. Particulars may be obtained from the chairman of the committee on fellowships, Prof. John Williams White, Cambridge, Mass.

The director and professors reside in Athens during the school year, from October ist to June Ist.

Members pay no fees; others persons admitted to the school pay $\$ 25$ a year for tuition. At large hotels in Athens board and lodging can be obtained for \$14 per week; at small hotels and in private families for $\$ 5 \cdot 50$.

Director, Rufus Byam Richardson; Professor of the History of Art, Charles Waldstein, Slade Professor of Fine Art, University of Cambridge, England; Professor of the Greek Language and Literature for $1896-97$, J. R. Sitlington Sterrett, Professor of Greek, Amherst College; for 1897-98, Herbert Weir Smyth, Professor of Greek, Bryn Mawr College.

## THE BRITISH SCHOOL AT ATHENS.

This school, founded in 1886 by the University of Oxford and the Society for the Promotion of Hellenic Studies, has for its object the study of Greek Art, Archæology, Language and Literature.

Students holding fellowships or scholarships from any British university, or belonging to the Royal Academy of Art or the Royal Institute of British Architects, and other persons of British nationality who can give satisfactory proof of their ability to profit by the courses of the school, are admitted as students. Every student must stay at least three months. Women are admitted on the same conditions as men.

The director resides in Athens from the beginning of October until the end of May.

There are no fees for tuition or for the use of the library.
Director, Mr. Cecil Smith, The British School at Athens. Hon. secretary, Mr. G. A. Macmillan, 29 Bedford street, Covent Garden, London, W. C.

## KAISERLICH DEUTSCHES ARCHÄOLOGISCHES INSTITUT.

The German schools at Athens and Rome were founded in 1829 and are under the control of the Central-Direktion in Berlin. They have for their object the furthering of archæological studies.

Women are not formally admitted, but members of the American School of Classical Studies are allowed by special permission to attend the public lectures and to use the libraries of the school.

Secretaries in Athens: Professor Dr. Wilhelm Dörpfeld, Dr. Paul Wolters.

## ÉCOLE FRANÇAISE D'ATHÈNES.

This school was founded in 1873 and has for its object the preparation of members for archæological research and exploration.

Members must be thirty years of age and hold the degree of Docteur ès Lettres or Agrégé des Lettres, des Grammaire, de Philosophie or d'Histoire.

The number of members of the school is fixed at six, and admission depends on the results of a competitive examination, both oral and written.

Director, M. Homolle; honorary directors, MM. Burnouf and Foucart.

## HUNGARY.

The universities of Hungary are similar to those of Germany and Austria in general plan; see pp. $1,2,54,55$. They are three in number, namely, the universities of Agram, Budapest and Klausenberg. Of these the University of Budapest is the oldest and the most important ; it comprises the four Faculties of Theology, Law, Medicine and Philosophy (Arts and Science), while the University of Agram has no Faculty of Medicine and that of Klausenberg no Faculty of Theology. It has not been thought necessary to give the list of professors at these universities; it may be found in the Minerva Jahrbuch der Gelehrten Welt.

In December, 1895, the universities of Hungary were formally opened to women by a decree of the Hungarian Minister of Education. In his decree to the universities the Minister gave in detail the conditions upon which women students were to be admitted. It is much to be regretted that no exact information in regard to these conditions has been received from Hungary. It has, however, been ascertained that women are permitted, with the express sanction of the Minister of Education, to register at the universities as regular students in the philosophical faculty.

For dates of semesters, fees and general particulars, see under Germany and Austria.

## ITALY.

There are in Italy seventeen state universities, four free universities and two institutions similar to universities, the $R$. Istituto Superiore di studi pratici e di perfezionamento at Florence, and the $R$. Accademia Scientifico-litteraria at Milan, the first giving courses in Arts, Science and Medicine, and the latter courses in Philosophy and Philology. There are American, French and German schools of Archæology in Rome similar to those in Athens, and there is a zoological station at Naples at which many Americans study.

The universities as a rule provide instruction and confer degrees in Arts, Science, Law and Medicine. The candidate for the degree of Doctor (laurea) must attend a definitely specified series of courses for a specified number of years (from three to six years, according to the faculty).

The courses, degrees, laboratories and libraries at these universities are all open to women on the same conditions as to men. Two classes of students are admitted, regular students and hearers (uditori).

Regular students must have obtained, before entering, the certificate of a secondary school (licenza liceale or tecnica) or, if foreigners, must satisfy the Faculties of Arts and Science that the education they have received would have enabled them to obtain this licenza. In the case of students who have studied at a foreign university the faculty in which the student desires to attend courses decides on the admittance of the student. Such students should present certificates or diplomas from their former college or university, and also their certificates of birth.

Hearers have to fulfil no special requirements beyond presenting a certificate of birth. They are not admitted to de-
grees, but if they take the examinations they may in some cases receive certificates to the effect that they have studied in the university.

Students and hearers must matriculate and pay the matriculation fees for the ensuing year between August Ist and October 3oth. The academic year is not divided into semesters; it begins on October 15 th and ends on July 3oth. Lectures begin in the first week of November and end on June 15 th.

Regular students pay their fees (tassa d' imatricolazione, tassa d' iscrizioni and tassa di diploma) to the state treasury through the ufficio demaniale. The matriculation fee varies from 20 lire ( $\$ 3.90$ ) to 40 lire ( $\$ 7.80$ ), according to the faculty; the inscription fees cover all the courses which have to be taken for a degree and amount to from 50 lire ( $\$ 9.75$ ) to 165 lire (\$32.18) yearly. Fees for examinations, from ro lire (\$1.95) to 25 lire ( $\$ 4.88$ ) yearly, and laboratory fees are paid to the economato of the university. Hearers pay a matriculation fee of 40 lire ( $\$ 7.80$ ) and a fee of 8 lire ( $\$ \mathrm{r} .56$ ) for each hour per week of lecture in the courses which they enter. They pay these fees to the same officials as the regular students.

Scholarships are open to women as to men and take the form, in general, of an exemption from fees. There are also fellowships open for competition to students that have obtained the degree of Doctor.

Information concerning the general university regulations is given in a pamphlet entitled Regolamento Universitario; information concerning a particular university, in the Annuario Accademico of the university in question, which with the Regolamento Universitario may be obtained from the secretary of the university.

## BOLOGNA, Italy.

## REGIA UNIVERSITÀ DEGLI STUDI DI BOLOGNA.

This university, founded in the 12 th century, is renowned for the number of celebrated women counted among its students and professors.

The regulations are similar to those of all Italian universities; see pp. 114, 15 .

Enquiries may be addressed to the direttore di segretaria, Signor Oreste Rellini.

## Professors and Lecturers.

Languages. -Classical: Professors Gandino, Puntoni ; Signor Michelangeli.
Romance: Professor Carducci; Signors Biadene, Ferrari, Morpurgo, Restori.
Comparative Philology: Professor Turrini.
Philosophy: Professors Acri, Barbera, Panzacchi, Valdarnini; Signors Ambrosini, DeNardi.
Political Economy: Professor Martello; Signors Berardi, D'Apel, Del Vecchio.
History : Professors Bertolini, Falletti; Signor Vittorio Fiorini.
Archealogy : Professor Brizio; Signor Szedlo.
Architecture: Professors Benetti, Canevazzi, Stabilini, Venturi, Zannoni; Signors Ballarini, Berti, Bombicci, Muggia.
Engineering: Professors Cavani, Cavazzi, Masi, Donati; Signors Gemelli,
Gorrieri, Maganzini, Regnoli, Silvani. SCIENCE.
Mathematics and Astronomy : Professors Arzelà, Donati, Matteo Fiorini, Pincherle, Saporetti; Signors Enriquez, Razzaboni, Vivanti.
Physics: Professors Righi, Ruffini.

Chemistry: Professor Ciamician; Signors Angeli, Campari, Magnanini, Zanetti.
Mineralogy : Professor Bombicci.
Geology: Professor Capellini; Signor Simonelli.
Geography : Professor Peroglio.
Biology: Professors Ciaccio, Emery, Mattirolo ; Signors Coggi, Morini.

> LAW.

Professors Brini, Gaudenzi, Giusti, Manfredini, Mantovani-Orsetti, Regnoli, Salvioni, Vanni, Vivante ; Signors Baggiolini, Ballerini, Barbieri, Berardi, Bordoni, Buini, Conti, Cossa, Costa, De Notter, Diena, Dore, Franceschini, Gemma, Ivancich, Jona, Luzzatto, Malagola, Montanari, Moscatelli, Rabbeno, Ramponi, Rava, Rossi, Selli, Taddei, Trovanelli, Valenti, Vita.

## MEDICINE.

Professors Albertoni, Calderini, Calori, Fusari, Maiocchi, Martinotti, Murri, Novaro, Pellacani, Poggi, Roncati, Rovighi, Tartuferi, Tizzoni; Signors Babacci, Belmondo, Biondi, Bordè, Bozzi, Cantalamessa, Cattani, Cuccati, D'Aiutolo, Monti, Novi, Panzeri, Pinto, Pinzani, Respighi, Ruffini, Ruggi, Sabbatini, Salaghi, Testi.

CAGLIARI, Sardinia, Italy.

## REGIA UNIVERSITÀ DEGLI STUDI DI CAGLIARI.

This university, founded in 1596 , is under the same regulations as all the universities of Italy; see pp. 114, 115.

Enquiries may be addressed to the secretary, Signor Giuseppe Loy-Isola.

Professors and Lecturers.

ARTS.
Political Economy : Professor Todde. Architecture: Signor Fais.

SCIENCE.
Mathematics and Astronomy : Professors Fais, Usai, Vivanet.
Physics: Professor Guglielmo.
Chemistry : Professor Missaghi.
Mineralogy and Geology : Professor Lovisato.
Blology : Professor Lovisato.

LAW.
Professors Angioni-Contini, Barcaredda, Campus Serra, Gandolfo, Loy-Isola, Porcu-Giua, Orrù, Scano, Segrè, Soro; Signors Borgna, Careddu, Ordioni, Picinelli, Restano. medicine.
Professors Biondi, Corrado, Fenoglio, Gonella, Guzzoni degli Ancarani, Legge, Sanfelice, Zanda ; Signors Marfori, Mazza, Tonnini.

## CAMERINO, Italy.

## LIBERA UNIVERSITA DEGLI STUDI DI CAMERINO.

This university, founded in 1727 , is under the same regulations as all the universities of Italy; see pp. 114, $1 \times 5$.

Enquiries may be addressed to the secretary, Signor Mario Mannucci.

## Professors and Lecturers.

LAW.
Professors Dusi, Marsili, Palumbo, Ranelletti, Riccobono; Signors Malpeli, Mircoli, Ricci.

## MEDICINE.

Professors Berlese, Casali, Catterina, Fabrini, Gallerani, Kazzander, Mircoli, Pacinotti, Sartori.

CATANIA, Sicily.

## UNIVERSITA DEGLI STUDI DI CATANIA.

This university, founded in 1444 , is under the same regulations as all the universities of Italy; see pp. 114, 115 .

Enquiries may be addressed to the direttore di segretaria, Signor Beniamino Bruno.

## Professors and Lecturers.

Languages. - Classical: Professor Sabbadini; Signor Bruno.
Romance: Professor Rapisardi; Signors Ciampoli, Sabbadini.
Philosophy: Professor Marino; Signor Taverni.
Political Economy: Professor Giuseppe Maiorana-Calatabiano; Signor Marletta.
History: Professor Casagrandi.
Archeology : Signors Bruno, Orsi.
Architecture: Professor Giarrizzo; Signor Fichera.
Pedagogy: Professor Taverni; Signor Catalano.

## SCIENCE.

Mathematics and Astronomy: Professors Chizzoni, Mollame, Riccò, Zurria; Signors Catania, Pennacchetti.
Physics: Professors Grimaldi, Pennacchietti.
Chemistry : Signors Amato, GrassiCristaldi.
Mineralogy and Geology : Professor Bucca.

Geography : Signor Giardina.
Biology : Professors Baccarini, Grassi; Signor Aloi.
LAW.

Professors Carnazza-Amari, CarnazzaPuglisi, Delogu, De Luca-Carnazza, De Mauro, La Rosa, Angelo Maiorana-Calatabiano, Salvatore Maiorana-Calatabiano, Vadalà Papale; Signors Abate-Longo, Aprile di Cimia, Carnazza, Cavallaro, Costanzo Peratoner, Fiorentino, Fisichella, La Monaca, Maiorana, Mangano, Marino-Martinez, Marletta, Pantano, Politi, Rapisardi, Restano, Wrzi, ZoccoRosa.

## medicine.

Professors Berretta, Capparelli, Clementi, Cosentino, Curci, D'Ahundo, Di Mattei, Feletti, Francaviglia, Petrone, Tomaselli, Ughetti; Signors Addario, Ardini, Condorelli-Maugeri, ConiglioneArdizzone, De Luca, Galvagno, Guzzardi, Marchese, Maugeri, Misuraca, Musumeci, Pennino, Roncisvalle, Sanfilippo.

FERRARA, Italy.

## LIBERA UNIVERSITA DI FERRARA.

This university, founded in 1391 , is under the same regulations as all the universities of Italy; see pp. 114, 115.

Enquiries may be addressed to the secretary, Signor Enrico Bassani.

## Professors and Lecturers.

ARTS.
Political Economy: Professor Scarabelli.
Architecture: Signor Duprà.
Art: Signor Ravegnani.

## sCIENCE.

Mathematics: Professors Borgatti, Vignocchi ; Signor Roccella.
Physics : Professor Bongiovanni.
Chemistry : Professor Costa.
Mineralogy : Signor Costa.

Biology : Professor Massalongo; Signor Zuffi.
LAW.

Professors Bennati, Martinelli, Pasqualini, Scarabelli, Sitta, Turbiglio, Weiss, De-Welden, Zeni ; Signor Ruffoni.
medicine.
Professors Bongiovanni, Costa, Ludovisi, Marfori, Massalongo, Morpurgo, Zuffi; Signor Grillenzoni.

FLORENCE, Italy.

## REGIA ISTITUTO DI STUDI SUPERIORI PRATICI E DI PERFEZIONAMENTO.

This school, founded in 1321 , is under the same regulations as all the universities of Italy; see pp. 114, 115 .

Enquiries may be addressed to the secretary, Signor Tiro Fiaschi.

## Professors and Lecturers.

ARTS.
Languages.-Semitic: Professors Castelli, Lasinio ; Signor Scerbo.
Indo-Iranian: Professor Severini; Signors Donati, Pavolini.
Classical: Professors Festa, Ramorino, Vitelli ; Signors Nencini, Rasi.
Germanic: Professor Parodi; Signor Fasola.
Romance : Professors Mazzoni, Rajna; Signor Parodi.
Philosophy : Professors Conti, Tocco.
History : Professors Coen, Puini, Villari ; Signor Franchetti.
Archeology: Professors Del Vecchio, Festa, Paoli; Signors Bertolotto, Milani, Schiaparelli, Teloni. SCIENCE.
Astronomy : Professor Abetti.
Physics: Professor Roiti ; Signor Marangoni.

Chemistry : Professor Schiff. Mineralogy : Professor Grattarola. Geology and Geography: Professors D'Ancona, De Stefani, Marinelli ; Signor Ristori.
Biology : Professors Caruel, Fano, GigIioli, Mantegazza, Targioni Tozzetti; Signors Baroni, Batelli, Danielli, Marchi, Oddi, Regalia.

## MEDICINE.

Professors Bajardi, Banti, Bufalini, Chiarugi, Colzi, Corradi, Filippi, Grocco, Lustig, Mya, Paoli, Pellizzari, Pestalozza, Roster, Tanzi; Signors Acconci, Barbacci, Bargellini, Bonardi, Borrè, Celoni, Centanni, Del Greco, Gabbi, Giarrè, Grazzi, Grilli, Lumbroso, Marianelli, Rossi, Silvestri, Simi, Staderini, Tedeschi, Toti, Trambusti.

## GENOA, Italy.

## REGIA UNIVERSITA DEGLI STUDI DI GENOVA.

This university, founded in 18 r 2 , is under the same regulations as all the universities of Italy; see pp. 114, 115 .

Enquiries may be addressed to the direttore di segretaria, Signor Giovanni Oxilia.

Professors and Lecturers.

## ARTS.

Languages.-Semitic: Signor Dall'Orto.
Classical : Professors Cerrato, Eusebio; Signor Pais.

Germanic: Signor Dall'Orto.
Romance : Professars Barrili, De Lollis; Signor Guarnerio.
Comparative Philology: Professor Bariola.

Philosophy: Professors Asturaro, Benzoni, Ferrari; Signors Cecchi, Chinazzi.
Political Science: Professors Asturaro, Ponsiglioni ; Signor Supino,
History: Professor Belgrano; Signors Cecchi, Oberziner, Rosi.
Pedagogy: Professor Benzoni.
Archfology : Signor Eusebio.
Architecture: Professor Resasco. sclence.
Mathematics and Astronomy: Professors Garbieri, Loria, Monteverde, Piuma, Pizzetti; Signors Giudice, Morera, Perroni.
Physics : Professors Pietro Maria Garibaldi, Morera ; Signor Roberto.
Chemistry: Professor Pellizzari.
Mineralogy : Professor Negri.
Geology and Geography: Professor Issel ; Signor Squinabol.
Biology : Professors Cattaneo, Grossi, Parona, Penzig; Signor Vinciguerra.

Engineering: Professors Morera, Pizzetti; Signors Garhieri, Pellizzari, Rombo.
LAW.

Professors Bianchi, Bigliati, Cogliolo, Del Vecchio, De Murtas-Zichina, Gianzana, Manara, Mecacci, Ruffini, Severi, Traverso, Wautrain-Cavagnari; Signors Enrico Bensa, Paolo Emilio Bensa, Berlingieri, Castellari, Civoli, Drago, Grego, Martinelli, Pipia, Porrini, Roncali, Rossello, Supino.

## MEDICINE.

Professors Acconci, Brigidi, Canalis, Caselli, Giovanni, Garibaldi, Griffini, Lachi, Maragliano, Morselli, Mosso, Profeta, Secondi, Severi; Signors Basso, Capranica, Casini, Cioja, Devoto, Ferrari, Giuria, Livierato, Lucatello, Arturo Masini, Giulio Masini, Andrea Mazza, Giuseppe Mazza, Motta, Oddi, Perrando, Sacchi, Staderini, Verdese.

MESSINA, Italy.

## REGIA UNIVERSITA DEGLI STUDI DI MESSINA.

This university, founded in 1838 , is under the same regulations as all the universities of Italy; see pp. I14, II5.

Enquiries may be addressed to the secretary, Signor Giuseppe Caracciolo.

## Professors and Lecturers.

ARTS.
Languages. - Classical: Professors Fraccaroli, Stampini; Signor Crivellari.
Germanic: Signor Stampini. Romance: Signors Ferrai, Zenatti.
Comparative Philology : Signor Stampini.
Philosophy: Professors Cesca, Fisichella.
Political Science: Signors Cesca, Fleres.
History : Professor Ferrai; Signors Porena, Tropea.
Pedagogy : Professor Casca.
Archemology: Signors Ferrai, Fraccaroli.

Architecture: Professor D'Aronco; Signors Di Bella, Queriau.

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SCIENCE.
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Mathematics and Astronomy : Professors De Berardinis, Maggi, Maisano, Martinetti ; Signors Cacopardo, Visalli.
Physics: Professor Costa-Saya; Signor De Pasquale.
Chemistry: Professor Errera; Signor Giannetto.
Mineralogy and Geology : Professor La Valle.
Geography : Professor Porena; Signor Bertacchi.
Biology: Professors Bargoni, Ficalbi, Morini ; Signor Lessona.

ZAW.
Professors Ascoli, Buscemi, CesareoConsolo, Faranda, Lilla, Macri, Manenti, Oliva, Ugo, Venezian ; Signors Carnazza, Colajanni, De Cola-Proto, Fulci, Puglia, Sciacca, Segre, Tricomi La-Porta.

MEDICINE.
Professors Crisafulli, Ferraro, Gaglio, Giuseppe Pugliatti, Rosario Pugliatti, Scimemi, Trombetta, Weiss, Ziino, Zincone ; Signors Cambria, Cammareri, Colella, Fusari, Salomoni, Testa, Tornatola.

## MILAN, Italy.

## REGIA ACCADEMIA SCIENTIFICO-LITTERARIA DI MILANO.

This school, founded in 1859 , is under the same regulations as all the universities of Italy: see pp. II4, I 15.

Enquiries may be addressed to the secretary, Signor Emilio De Marchi.

## Professors and Lecturers.

 ARTS.Languages.-Classical: Professor De Inama, Giussani.
Germanic: Professor Friedmann; Signor Jacoby; Signora Schiff.
Romance: Professors Baravalle, Novati, Scherillo; Signors Emilio, De Marchi, Dupuy, Ferrieri.
Comparative Philology: Professor Ascoli.
Philosophy: Professors Jandelli, Luciano.

H1story : Professors Ciccotti, Rolando. Pedagogy: Professor Luciano; Signor Martinazzoli.
Archeology: Signors Ambrosoli, Ceriani, Attilio De Marchi.
science.
Geography: Professor Savio; Signor Ricchieri.
Biology: Professor Savio; SignorVignoli.

## MODENA, Italy.

## REGIA UNIVERSITA DEGLI STUDI DI MODENA.

This university, founded in 1683 , is under the same regulations as all the universities of Italy; see pp. 114, 115 .

Enquiries may be addressed to the secretary, Signor Carlo Felice Restagno.

Professors and Lecturers.

ARTS.
Political Science : Professor Rabbeno; Signors Balletti, Graziani, Prodi, Roncali.
Architecture: Signor Cavazzuti.

SCIENCE.
Mathematics: Professors Besso, Del Re; Signors Nicoli, Torricelli, Valeri. Physics : Professor Chistoni.
Chemistry : Professor Magnanini; Sig-
nors Cuoghi-Costantini, Maissen, Puliti, Ramazzini.
Geology and Mineralogy : Professor Pantanelli; Signors Coppi, Gambari.
Biology : Professors Della Valle, Mori;
Signors Bergonzini, Cugini, Macchiati,
Roncaglia.
LAW.

Professors Bertolini, Brandoli, Franchi, Melucci, Morelli, Olivi, Raisini, Sabbatini, Strani, Triani; Signors Borciani,

Conigliani, Ferrarini, Graziani, Longo, Marchetti, Pagani.

MEDICINE.
Professors Albertotti, Casarini, Cesari, Fabbri, Galvagni, Giovanardi, Maggiora, Puglia, Tamburini, Vanni; Signors Albini, Barbacci, Bassi, Belmondo, Bergonzini, Bertacchini, Berti, Bruni, Casciani, Cecchini, Gallenga, Generali, Guicciardi, Levi, Marchi, Nasi, Petrazzani, Ravaglia, Riccardi, Roncaglia, Ruggi, Saltini, Seppilli, Severi, Vassale, Vinaj.

NAPLES, Italy.

## REGIA UNIVERSITÀ DEGLI STUDI DI NAPOLI.

This university, founded in 1224 , is under the same regulations as all the universities of Italy; see pp. 114,115 .

For the zoological station at Naples see p. 13r.
Enquiries may be addressed to the secretary, Signor Carlo Felice Restagno.

## Professors and Lecturers.

Languages.-Semitic: Professor Buonazia.
Indo-Iranian: Signors Kerbaker, De Vincentiis.
Classical : Professors Cocchia, Flores, Kerbaker; Signors De Gennaro, D' Ovidio, Pascal.
Romance: Professors D'Ovidio, Zumbini ; Signors Agresti, Colagrosso, Pèrcopo, Prudenzano, Ronca.
Philosophy: Professors Barzellotti, Chiappelli, Masci; Signors Bosurgi, Fimiani, Maturi, Memola, Tarantino.
Political Science: Professor Pantaleoni; Signors Betocchi, Colaianni, D'Ippolito, Lioy, Mazzola, Miraglia, Nitti, Tammeo.
History : Professors De Blasiis, Holm, Mariano; Signors Biamonte, Correra, Faraglia, Schipa.
Archeology: Signors De Petra, Sogliano.

Architecture: Professor Capocci; Signors Bellini, Curri, Fischetti, Folinea, Giuliani, Stampa, Tango.
Pedagogy: Professor Fornelli; Signor Vecchia.

## science.

Mathematics and Astronomy : Professors Capelli, Cesàro, Cua, Del Pezzo, Fergola, Montesano, Nobile, Pinto, Raucci, Salvatore-Dino, Siacci ; Signors Amanzio, Amaturo, Amodeo, Angelitti, Avena, Bellini, Brambilla, Campanile, De Francesco, Del Giudice, Isé, Masoni, Montesano, Nicodemi, Rinonapoli, Salvatore-Dino.
Physics: Professors Palmieri, Villari; Signors Ciccone, Del Gaizo, Giuliani, Semmola.
Chemistry : Professor Oglialoro-Todaro; Signors Januario, Napolitano, Sardo, Silvestro, Zinno.
Mineralogy : Professor Scacchi ; Signor Franco.

Geology: Professor Bassani; Signors Johnston-Lavis, Mercalli.
Geography: Professor Porena.
Biology: Professors Costa, Delpino, Nicolucci, Paladino, Trinchese ; Signors Balsamo, Colosi, Comes, Geremicca, Lucarelli, Mazzarelli, Monticelli, Palma, Pasquale, Raffaele.

LAW.
Professors Arcoleo, Bovio, Capuano, Fadda, Fiore, Emmanuele Gianturco, Lomonaco, Marghieri, Milone, Miraglia, Napodano, Pepere, Persico, Pessina, Scaduto, Tammeo, Viti; Signors Abignente, Alimena, Arangio Ruiz, Betocchi, Biondi, Campese, Cannada, Carnevale, Ciccaglione, Ciccarelli, Contuzzi, Coviello, De Cillis, De Marinis, De Roberto, Di Maio, Di Martino, Fiore, Gagliardi, Gargiulo, Garofalo, Girardi, Guariglia, Guarracino, Jannuzzi, Lanza, Longo, Manenti, Marino, Minutillo, Petroni, Pisapia, Rubino, Salvia, Scalamandrè, Schiappoli, Semmola, Sorgente, Squitti, Summonte, Tuozzi, Varcasia.

## MEDICINE.

Professors Albini, Antonelli, Armanni, Bianchi, Bocardi, Cardarelli, Corrado, Cozzolino, D'Ambrosio, D'Antona, De Amicis, De Giaxa, De Martini, De Renzi, De Vincentiis, Frusci, Gallozzi, Malerba, Massei, Morisani, Rummo, Schrön, Sem-
mola, Vizioli; Signors Amoroso, Antonelli, Arena, Baculo, Biondi, Boccardi, Borrelli, Brancaccio, Breglia, Buonomo, Cacciapuoti, Caccioppoli, Cagnetta, Cantarano, Capozzi, Caruso, Ciaramelli, Ciccone, Cirincione, Colella, Conca, Costabile, Cotronei, D'Amore, D'Evant, D'Urso, De Bisogno, De Bonis, De Dominicis, De Grazia, De Luca, De Michele, De Paolis, De Sanctis, De Simone, Del Gaizo, Di Giacomo, Di Lorenzo, Ducrey, Falcone, Fasano, Eugenio Fazio, Ferdinando Fazio, Fede, Ferrajolo, Ferramnini, Ferrara, Folinea, Fornario, Franco, Gauthier, Gianturco, Guarino, Jacontini, Jappelli, Jennaco, Laccetti, Lauro, Limoncelli, Lobello, Lupd, Magnarapa, Manfredi, Marsiglia, Martino, Masucci, Maturi, Mazziotti, Melle, Meola, Moauro, Montefusco, Morano, Morelli, Morra, Novi, Pansini, Paolucci, Alessandro Pascale, Giovanni Pasquale, Patroni, Pecoraro, Pedicini, Pellecchia, Penta, Petteruti, Piretti, Radice, Raffaele, Reale, Renzone, Ria, Romanelli, Romano, Rubino, Salvati, Salvi, Salvia, Scalese, Scervini, Scibelli, Scotti, Senise, Sgobbo, Sgrosso, Spatuzzi, Spinelli, Squillante, Stanziale, Tamburrini, Tedeschi, Tortora, Traversa, Tria, Virgilio, Vitone, Vizioli, Volpe, Zagari, Zuccarelli.

## PADUA, Italy.

## REGIA UNIVERSITA DEGLI STUDI DI PADUA.

This university, founded in 1222 , is under the same regulations as all the universities of Italy; see pp. 114, II5.

Enquiries may be addressed to the direttore di segretaria, Signor Ciro Ciarli.

## Professors and Lecturcrs.

ARTS.
Languages.-Semitic: Signor Lolli. Indo-Iranian : Professor Teza.
Classical : Professors Cortese, E. Ferrai, Gaesotto.
Germanic: Professor Baragiola; Signor Weigelsperg.

Romance: Professors Crescini, Galanti, Medin.
Philosophy : Professors Ardigo, Bonatelli, Ferrari, Ragaisco ; Signor Dandolo.

History: Professors L. A. Ferrai, Gloria, De Leva, Pinton; Signor Raulich.
Geography : Professor Pennesi. SCIENCE.
Mathematics and Astronomy: Professors D'Arcais, Bordiga, Favaro, Gazzaniga, Legnazzi, Lorenzoni, Padova, Ricci, Salvotti, Veronese.
Physics: Professor Vicentini; Signor Lussana.
Chemistry : Professor Nasini ; Signors Anderlini, Carrara, Spica-Marcataio.
Geology and Mineralogy: Professors Giov. Negri, Omboni, Panebianco; Signor A. Negri.
Geodesy : Signor Miari-Fulcis.
Brology : Professors Berlese, Canestrini, Saccardo ; Signor de Toni.

Law and political science.
Professors Alessio, Brugi, Cavagnari, Ferraris, Landucci, Levi-Catellani, Loria, Luzzatti, Polacco, Sacerdoti, Silvestri, Giov. Tamassia ; Signors Armanni, Castori, Leoni, Luzzatti, Norsa, Rabbeno, Stoppato, A. Tamassia, Dalla Volta. MEDICINE.
Professors Bassini, Bonome, Breda, Cervesato, Chirone, De Giovanni, Gradenigo, Inverardi, Serafini, Stefani, A. Tamassia, Tricomi, Vlacovich; Signors Alessio, Bolzoni, Bonuzzi, Borgherini, Bosma, Castellino, Catterina, Cavazzani, Colpi, Dalle Ore, Ferrari, Fratini, Gallerani, Kazzander, Lampugnani, Lussana, Maggia, Massalongo, Ovio, Querenghi, Righi, Stefani, Tedeschi.

## PALERMO, Italy.

## REGIA UNIVERSITA STUDI DI PALERMO.

This university, founded in $x 779$, is under the same regulations as all the universities of Italy; see pp. 114 , $1 \times 5$.

Enquiries may be addressed to the direttore di segretaria, Signor Francesco Paolo Errante.

## Professors and Lecturers.

Languages.-Semtic: Signor Lagumina.
Indo-Iranian: Signor Fumi.
Classical: Professor Giri; Sigmors Columba, Cosentino.
Romance: Professor Mestica; Signors Amico, Di Gregorio, Pipitone.
Comparative Philology: Professor Fumi.
Philosophy: Professors Di Giovanni, Faggi.
History : Professsors Columba, Battista, Siragusa.
Archemology: Professor Salinas.
Architecture: Professors AlfonsoSpagna, Almeyda, Basile, Giovanni,

Salemi-Pace; Signors Gemmellaro, Romano. SCIENCE.
Mathematics and Astronomy: Professors Guccia, Gerbaldi, Torelli, Venturi; Signors Albeggiani, Paternò, Soler, Zona.
Physics: Professors Caldarera, Macaluso, Pagliani; Signors Cantoni, Gebbia.
Chemistry : Professor $\mathbf{P}$ eratoner;Signors Leone, Oddo.
Mineralogy and Geology : Professor Gemmellaro.
Geography: Signors Battista, Siragusa, Zona.
Biology : Professors Borzl, Kleinenberg; Signors Lo Jacono, Ross.

Hygiene: Signor Leone.
Enginerring: Professors Caldarera, Calpito, Pagliani, Pintacuda, Venturi; Signors Albeggiani, Consumano, Gebbia, Rotigliano.

Law and political science.
Professors Agnetta di Gentile, Cusumano, Guarneri, Gugino, Impallomeni, Orlando, Maggiore Perni, Papa D'Amico, Paternostro, Ricca-Salerno, Salvioli, Sampolo, Schiattarella; Signors Colajanni, D'Agnanno, De Cola Proto, LetoSilvestri, Li Donni, Longo, Merenda, Alfonso Siragusa, Todaro.

MEDICINE.
Professors Angelucci, Argento, Cervello, Chiarleoni, Manfredi, Marcacci, Marchesano, Mondino, Montalti, Randacio, Sirena, Tansini, Tommasoli; Signors Alessi, Brancaleone, Caruso-Pecoraro, Di Blasi, Ficano, Foderà, Giliberti, Giuffrè, Lazzaro, Lipari, Lo Jacono, Mannino, Mirto, Misuraca, Piazza-Martini, Pernice, Bernardo Salemi-Pace, Sal-omone-Marino, Scardulla,Spallitta, Rosolino Tusa, Salvatore Tusa.

## PARMA, Italy.

## REGIA UNIVERSITÀ DEGLI STUDI DI PARMA.

This university, founded in 1422 , is under the same regulations as all the universities of Italy; see pp. 114, 115.

Enquiries may be addressed to the direttore di segretaria Signor Antonio Pigorini.

## Professors and Lecturers.

sCIENCE.
Mathematics: Professors Lavaggi, Raschi, Vecchi.
Physics: Professor Cardani.
Chemistry: Professor Mazzara.
Mineralogy: Professor Strobel.
Biology: Professors Avetta, Jung.
Architecture: Signors Bartoli, Giacopelli.

> LAW

Professors Arduini, Bolaffio, Bonfante,

Brandileone, Laghi, Malgarini, Perozzi, Redenti, Tommasini, Zanzucchi; Signors Berenini, Costa, De Pirro, Laviosa, Riccobono, Tartufari.

MEDICINE.
Professors Ceccherelli, Corona, Cugini, Ferrari, Gallenga, Inzani, Mibelli, Molina, Rattone, Riva, Tenchini, Truzzi, Ughi; Signors Calderini, Gherardi, Lemoigne.

PAVIA, Italy.

## REGIA UNIVERSITÀ DEGLI STUDI DI PAVIA.

This university, founded in 136 r , is under the same regulations as all the universities of Italy; see pp. II4, II5.

Enquiries may be addressed to the direttore di segretaria, Signor Giuseppe Sciamengo.

## Professors and Lecturers.

Languages. - Classical: Professors Canna, Rasi.
Germanic: Signor Schiff.
Romance: Professor Rossi.
Comparative Philology: Professor Salvioni.
Philosophy : Professors Cantoni, Credaro ; Signors De Domenicis, Iuvalta, Mantovani.
Political Economy : Professor Cossa.
History : Professors Lazzarini, Merkel ; Signor Romano.
Pedagogy : Professor De Domenicis.
Archeology : Signor Canna.
Architecture: Professor Brusotti.
SCIENCE.
Mathematics and Astronomy : Professors Aschieri, Belcredi, Pascal, Platner, Somigliana; Signors Berzolari, Formenti, Pannelli, Vivanti.
Physics: Professors Bartoli, Formenti; Signors Gerosa, De Marchi.
Chemistry: Professor Tullio Brugna-
telli; Signors Bertoni, Menozzi, Purgotti.
Mineralogy: Signors Artini, Luigi Brugnatelli.
Grology: Professor Taramellì ; Signors Mariani, Salomon, Tommasi.
Geography: Professor Bellio.
Biology : Professors Briosi, Maggi, Pavesi.

LAW.
Professors Buzzatti, Cattaneo, Del Giudice, Ferrini, Longo, Mariani, Mazzola, Minguzzi, Simoncelli, Vidari ; Signors Gobbi, Majno, Nulli, Porro, Vacchelli.

MEDICINE.
Professors Baldi, Bottini, Falchi, Filomusi Guelfi, Golgi, Maggi, Mangiagalli, Mazzucchelli, Oehl, Orsi, Pavesi, Raggi, Sangalli, Scarenzio, Silva, Sormani, Zoia; Signors Cantù, Clivio, Fasola, Ferrari, Gorini, Jemoli, Levi, Maggi, Monti, Pavezi, Pestalozza, Platschik Rampoldi, Resinelli, Sala, Staurenghi, Stefanini, Zambianchi.

## PERUGIA, Italy.

## università libera degli studi di perugia.

This university, founded in 1266 , is under the same regulations as all the universities of Italy; see pp. 114,115 .

Enquiries may be addressed to the secretary, Signor Vittorio Marini.

## Professors and Lecturers.

Political Science: Professor Luzzati.
LAW.
Professors Brezzo, Brunamonti, Cuturi, Innamorati, Luzzatti, Miceli, Puviani, Scalvanti, Tarducci; Signor Tancetti.

MEDICINE.
Professors Adriani, Axenfeld, Batelli, Bellucci, De Paoli, Madruzza, Patella, Pisenti, Ruata, Salvioni, Valenti; Signors Cecchini, Sacchi.

PISA, Italy.

## REGIA UNIVERSITÀ DEGLI STUDI DI PISA.

This university, founded in 1343 , is under the same regulations as all the universities of Italy; see pp. 114, 115 .

Enquiries may be addressed to the direttore di segretaria, Signor Giacomo Enrico Rossetti.

Professors and Lecturers.

ARTS.
Languages.-Indo-Iranian: Professor Pullè.
Classical: Professsors Tartara, Zamhaldi ; Signors Nencini, Setti.
English and Germanic: Signor Weile.
Romance: Professor D'Ancona, Flamini.
Philosophy: Professors Jaja, Paoli, Rossi.
History : Professors Crivellucci, Pais.
Political Science : Professor Toniolo; Signor Giulio Bianchi.
Archeology: Professor Ghirardini; Signor Lupi.
Architecture: Professor Calderini; Signor Caine.
sciznce.
Mathematics: Professors Bertini, Bianchi, Dini, Finzi, Nardi-Dei ; Signors Bettazzi, Bigiavi, Ciani, Enriquez, Lazzeri.
Physics: Professors Battelli, Maggi, Pacinotti, Tedone; Signors Faed, Garbasso, Stefanini.

Chemistry : Professor Tassinari; Signor Antony.
Geology and Mineralogy : Professors D'Achiardi, Canavari, Zaccagna.
Geography: Professor Sottini ; Signor Zaccagna.
Biology: Professors Arcangeli, Richiardi ; Signors Baraldi, Bonardi, Bottini.

## LAW.

Professors Buonamici, Calisse, CodacciPisanelli, Corsi, Gabba, Mortara, Sadun, Serafini, Supino; Signors Anzilotti, Baisini, E. Bianchi, Brunetti, Giannini, Lessona, Magri, Petrone, Sighele, Sraffa, Tiranti, Zerboglio.

## MEDICINE.

Professors Aducco, Ceci, D'Abundo, Fedeli, Fubini, Grazzi, Guarnieri, Maffucci, Manfredi, Paci, Pinzani, Queirolo, Romiti, Sadun, Di Vestea; Signors Battelli, Bertelli, Burci, Denti, Ducrey, Faravelli, Frascani, Marchionneschi, Minati, Nannotti, Sonsino, Terni, Valenti.

## ROME, Italy.

## REGIA UNIVERSITA DEGLI STUDI DI ROMA.

This university, founded in 1303, is under the same regulations as all the universities of Italy; see pp. 114, 115.

Enquiries may be addressed to the secretary, Signor Telesforo Daretti.

Professors and Lecturers.

## ARTS.

Languages.-Semitic : Professors Guidi, Schiaparelli.
Indo-Iranian : Professors De Gubernatis, Valenziani.
Classical : Professors Cugnoni, Halbherr, Monaci, Piccolomini, De Ruggiero; Signors Albini, Levi, Vaglieri.

English : Signor Garlanda.
Romance: Professor De Gubernatis; Signors Castagnola, Cesareo, Martini, Salvadori, Zannoni.
Comparative Philology: Professor
Ceci; Signor Cima.

Philosophy: Professors Labriola, Turbiglio; Signor Gizzi.
History : Professors Beloch, Labanca, Monticolo; Signors Cantarelli, Guidi, Manfroni, Salvadori, Tomassetti, Zannoni.
Art and Archeology: Professors Lanciani, Loewy, Pigorini, de Ruggiero; Signor Venturi.
Architecture: Professors Calderini, Gui, Rosso. sCIENCE.
Mathematics: Professors Biolchini, Castelnuovo, Cerruti, Cremona, Nagy, Pittarelli, Reina, Tonelli; Signors Fano, Di Legge, Sella.
Physics: Professors Ascoli, Beltrami, Blaserna, Saviotti; Signor Banti.
Chemistry : Professors Cannizzaro, Giorgis, Paterno di Sessa; Signors Miolati, Montemartini.
Mineralogy: Professor. Strïver; Signor Brugnattelli.
Geology : Professors Meli, Portis.

Geography : Professor Dalla Vedova.
Biology : Professors Carruccio, Grassi, Magini, Marro, Pirotta, Sergi; Signors Carruccio, Colini, Kruch, Lanzi, Magini, Mingazzini, Moschen, Vinciguerra.
Engineering: Professors Ceradini, Favero, Nazzani.
Agriculture : Signor Cuboni.
law and political science.
Professors Galluppi, Galluzzi, Filomusi Guelfi, Luzzatti, De Viti De Marco, Maurizi, Messedaglia, Meucci, Nocito, Palma, Pierantoni, Sansonetti, Schupfer, Scialoja, Semeraro.

## MEDICINE.

Professors Businelli, Campana, Celli, Colasanti, Durante, Luciani, Marchiafava, Mingazzini, Occhini, Pasquali, De Rossi, Rossoni, Sciamanna, Todaro, Toscani, Tommasi-Crudeli, Valenti; Signors Mingazzini, Pagliani.

## AMERICAN SCHOOL OF CLASSICAL STUDIES IN ROME.

This school, which was opened in 1894, has the same general objects as the American School of Classical studies at Athens; see p. IIO.

All the courses and privileges of the school are open to women on the same conditions as to men. Bachelors of Arts of American colleges of good standing and persons who are able to submit satisfactory proof that their studies have been such as to enable them to pursue advanced courses of work at the school may become members. Americans residing or travelling in Italy who are not members of the school may, at the discretion of the directors, be admitted to its privileges.

Application for adnission should be addressed to Professor Minton Warren, Casino dell' Aurora, via Lombardia, Rome, or toProfessor W. G. Hale, University of Chicago.

The academic year begins on October 15 th and ends on June ist.
No charges are made for tuition.

There are two fellowships of the value of $\$ 600$ and one of the value of $\$ 500$, application for which should be made either to the director of the school or to Professor Hale.

Director of the school in r896-97, Professor Minton Warren, Professor of Latin, Johns Hopkins University.

KAISERLICHE DEUTSCHES ARCHÄOLOGISCHES INSTITUT.
For particulars see p. 112 .

## ÉCOLE FRANÇAISE DE ROME.

Similar in organisation to the École Française d'Athénes; see p. 112. Director, M. l'Abbé Duchesne; honorary director, M. Le Blant.

SASSARI, Sardinia.

## REGIA UNIVERSITÀ DEGLI STUDI DI SASSARI.

This university, founded in $\mathbf{5} 55$, is under the same regulations as all the universities of Italy; see pp. 114, 115 .

Enquiries may be addressed to the secretary, Signor Rodolfo Caniggia.

## Professors and Lecturers.

Political Science: Professor Pinna- Prosperi; Signors Mossa-Angioi, Pitzolo. Ferrà.

## LAW.

Professors Bibbiana, Demurtas-Zichina, Dettori, De Villa, Manunta-Manca, Mariotti, Piras, Soro Delitala, Virdis-

MEDICINE.
Professors Conti, Fiori, Mazzotto, Monticelli, Nicotra, Pitzorno, Ravà, Roth, Simula, Valente, Vincenzi; Signor Fasola,

## SIENA, Italy.

## REGIA UNIVERSITÀ DEGLI STUDI DI SIENA.

This university, founded in the 14th century, is under the same regulations as all the universities of Italy; see pp. r14, 115 .

Enquiries may be addressed to the secretary, Signor Temistocle Mozzani.

## Professors and Lecturers.

LAW.
Professors Ciacci, Graziani, Leporini, Moriani, Patetta, Rossi, Virgilii, Vitali, Zanichelli; Signors Falaschi, Giannantoni, Ranelletti, Ludovico Zdekauer.

MEDICINE.
Professors Barduzzi, Bernabei, Bi-
anchi, Bocci, Cantieri, Falaschi, Funaioli, Guaita, Gucci, Morisani, Ottolenghi, Raimondi, Sanquirico, Spediacci, Tassi; Signors Barbacci, Bianchi, Bordoni, Borgiotti, Cattaneo, Colombini, Ficalbi, Gasparrini, Lussano, Mibelli, Morpurgo, Remedi, Sanarelli, Scarlini, Tassi, Torsellini.

## TURIN, Italy.

## REGIA UNIVERSITÀ DEGLI STUDI DI TORINO.

This university, founded in 1412 , is under the same regulations as all the universities of Italy; see pp. 114, 115 .

Enquiries may be addressed to the direttore di segretaria, Signor Luigi Vittorio Cravosio.

## Professors and Lecturers.

ARTS.
Languages.-Semitic and Indo-Iranian : Professor Pizzi.
Classical: Professors Cortese, Vallauri; Signors Valmaggi, Zuretti.
Romance: Professors Graf, Renier ; Signors Camus, Gabotto, Gian, Gorra.
Comparatiye Philology: Professor Pezzi.
Philosophy : Professors Bobba, D'Ercole; Signor Zuccante.
Political Economy: Professor Cognetti De Martiis ; Signor Masè-Dari.
History : Professors Cipolla, Schiaparelli.
Pedagogy: Professor Allievo.
Archeology : Professor Rossi; Signor Ferrero.
Architecture: Professor Ceppi. sCIENCE.
Mathematics and Astronomy : Professors Berzolari, D'Ovidio, Jadanza, Peano, Segre; Signors Bettazzi, Pieri, Porro, Zanotid-Bianco.
Physics: Professors Naccari, Volterra; Signors Errera, Garbasso, Rizzo.
Chemistry : Professor Fileti.
Mineralogy: Professor Spezia.
Geology: Professor Parona; Signors Sacco, Piolti.

Geography : Professor Cora.
Biology : Professors Camerano, Gibelli, Mosso; Signors Belli, Buscalioni.

## LAW.

Professors Brusa, Carle, Chironi, Ferroglio, Fusinato, Germano, Mattirolo, Nani, Pampaloni, Ronga; Signors Amar, Ballerini Velio, Benevolo, Brezzo, Brondi, Castellari, Cattaneo, Dusi, Garelli, Lombroso, Patetta, Righini, Rossi, Ruffini, Tedeschi.

## MEDICINE.

Professors Bizzozero, Bozzolo, Bruno, Carle, Fissore, Foà, Forlanini, Giacomini, Giacosa, Giovannini, Lombroso, Angelo Mosso, Pagliani, Perroncito, Reymond, Tibone; Signors Bajardi, Bergesio, Bono, Bordoni-Uffreduzzi, Caponotto, Carbone, Carbonelli, Cavallero, Ciartoso, Dionisio, Falchi, Ferri, Fileti, Gradenigo, Graziadei, Grandis, Guastavino, Lava, Lessona, Maggiora, Marro, Mo, Morpurgo, Ugolino Mosso, Motta, Muscatello, Musso, Mya, Naccari, Negro, Oliva, Ottolenghi, Pacinotti, Patrizi, Peroni, Pescarolo, Peschel, Raineri, Resegotti, Riva-Rocci, Roncoroni, Salvioli, Sansoni, Sclavo, Secondi, Sperino, Varaglia, Vicarelli.

URBINO, Italy.

## LIBERA UNIVERSITÀ PROVINCIALE.

This university, founded in 1671 , is under the same regulations as all the universities of Italy; see pp. 114,115 .

Enquiries may be addressed to the secretary, Signor Pompeo Natalucci.

## Professors and Lecturers.

Political Science: Signor Vec- Nicolai-Fiocchi, Valenti, Vecchiotti-An-chiotti-Antaldi.

LAW.
Professors Cozzi, Gramantieri, Meriggioli, Mircoli, Vanni ; Signors Budassi,
taldi.

MEDICINE.
Frofessor Bedeschi.

## NAPLES, Italy.

## STAZIONE ZOÖLOGICA.

This morphological and physiological laboratory is open to women on the same conditions as to men. Permission to use a table in the laboratory may be obtained, according to the nationality of the applicant, from the Ministers of Education of Germany, Austria, Hungary, Russia, Holland, Belgium, Italy, Spain, Switzerland; from the Universities of Oxford and Cambridge, England; or in the United States, from the authorities of the Smithsonian Institute, from Columbia College or from Mr. Alexander Agassiz. For the student who thus obtains permission the laboratory is open for the whole year free of charge; private persons who take a table for their own use pay 2,000 francs ( $\$ 400$ ) per year or fraction of a year.

Director, Professor Anton Dohrn; Assistant Professor, Karl Schönlein.

## THE NETHERLANDS.

There are in the Netherlands, in addition to the free university of the city of Amsterdam, three state universitiesLeyden, Utrecht and Gröningen. These universities are government institutions under the direct supervision in the one instance of the Stadtrat of the city of Amsterdam, and in the other of the Minister of the Interior of the Netherlands. They provide instruction in Arts, Science, Law, Medicine and Theology, and give in each of these departments the degree of Doctor.

No distinction is made by the universities between women and men, women being allowed to matriculate and to take degrees on exactly the same conditions as men.

The academic year begins usually in the middle of September and extends to the middle of June; 200 fl . ( $\$ 80$ ) a year is charged by the universities for instruction, and whoever pays this sum may matriculate as a regular student. Students who do not desire to attend more than two courses are exempt from the regular fee, but must pay for the courses that they attend at the rate of 30 fl. (\$12) a course during a year.

In order to take a university examination the candidate is required to produce a certificate stating that he has passed either the final examination of a gymnasium or an equivalent examination held every year by the state.* Any student who produces such a certificate has the right to take the university examinations without regard to the work he may have done at the university. The fee to be paid upon taking

[^14]a Doctor's examination is 800 fl . ( $\$ 320$ ), but whatever the student has already paid to the university for instruction is subtracted from this sum.

## AMSTERDAM, The Netherlands.

## UNIVERSITEIT TE AMSTERDAM.

This university, founded in $\mathrm{r}_{32}$, is under the same regulations as the other universities of the Netherlands; see pp. $\mathrm{r}_{3}{ }^{2}$, 133 .

Enquiries may be addressed to the secretary, Professor I. J. De Bussy.

## Professors and Lecturers.

> ARTS.
> Languages.-Semitic: Professor Matthes.
> Classical : Professors Karsten, Naber, Uhlenbeck; Docent Muller.
> Germanic: Professor te Winkel; Docent Frantzen.
> Philosophy : Professor Spruijt.
> History : Professors Rogge, Valeton.
> Art and Archeology : Professor Van den Es; Docent Six.

SCIENCE.
Mathematics and Astronomy : Professors D. J. Korteweg, Van Pesch.
Physics: Professors Julius, van der Waals.
Chemistry : Professors Gunning, van 't Hoff; Docents Reicher, Goldschmidt.
Mineralogy and Geology : Professor Molengraaff.

Biology: Professors Bos, De Vries, Weber; Reader Sluiter.
Geography : Professor Kan.
Pharmacy : Professors Oudemans, Stoeder.
law and politycal science.
Professors Conrat, De Hartog, Houwing, Jitta, van der Linden, Van Hamel; Docent Miseroy.

MEDICINE.
Professors Forster, Guye, Hertz, J. A. Korteweg, Kubn, Noman, Pel, Place, Rotgans, Ruge, Stokvis, Straub, Van der Mey, Van Rees; Docents Burger, De Leon, van Deventer, Feltkamp, Graanboom, Jelgersma, Meyer, Rijnberk, Salomonson, Saltet, Seydel, Tilanus.
theology.
Professors Brandt, de Bussy, Chantepie de la Saussaye, Cramer, de Groot, Völter ; Reader Westhoff.

## GRÖNINGEN, Holland.

## RIJKS-UNIVERSITEIT TE GRÖNINGEN.

This university, founded in 1614 , is under the same regulations as the other Dutch universities; see pp. 132, I33.

Enquiries may be addressed to the secretary, Professor A. G. van Hamel.

Professors and Lecturers.

## ARTS.

Languages.-Semitic: Professors van den Ham, Wildeboer.
Classical: Professors Polak, Speyer. English : Professor Bülbring.
Germanic: Professors Symons, van Helten.
Romance : Professor van Hamel.
Comparative Philology: Professor Symons.
Philosophy : Professor Heymans.
History : Professors Boissevain, Bussemaker.
Archemology; Professors Boissevain, Polak.

SCIENCE.
Mathematics and Astronomy : Professors de Boer, Kapteyn, Schoute.
Physics: Professor Haga.

Chemistry : Professors Holleman, Plugge.
Mineralogy and Geology : Professor van Calker.
Biology : Professors Moll, van Ankum.
LAW.
Professors Krabbe, Land, Nieuwenhuis, Pet, Reiger ; Docents Gratama, van der Tuuk.

MEDICINE.
Professors Fokker, Huizinga, Koch, Kooyker, Mulder, Reddingius, Sänger, van Wijhe ; Docents Ranneft, Schutter; Reader Kooy.

THEOLOGY.
Professors van Dijk, Kruyf, Meyboom, Reitsma, van Rhijn, Wildeboer.

LEYDEN, Holland.
RIJKS-UNIVERSITEIT.
'This university, founded in 1575 , is under the same regulations as the other Dutch universities; see pp. 132, 133 .

Enquiries may be addressed to the secretary, Professor A. C. Vreede.

Professors and Lecturers.

ARTS.
Languages.-Semitic: Professors De Goeje, Oort, Tiele.
Classical : Professors Hartman, Kem, van Leeuwen.
Modern Greek : Docent Hesselink.
Germanic: Professors ten Brink, Cosijn, Verdam.
Romance: Docent de Grave.
Japanese: Reader Serrurier.
Malayan : Reader Klinkert.
Jayanese: Professor Vreede.
Sundanese: Reader Grashuis.
Turkish : Professor de Goeje.
Chinese : Professor Schlegel.
Comparative Philology: Professor Kern.
Philosophy: Professor Land.
History : Professors Blok, Muller.
Archefology: Professor Oort.

Ethnography: Professor de Groot; Reader Serrurier.
History of Mohammedanism : Reader Van Gelder.

SCIENCE.
Mathematics and Astronomy : Professors H. G. van de S. Bakhuyzen, Kluyver, Van Geer; Docent E. F. van de S. Bakhuyzen.
Physics: Professors Lorentz, Onnes; Docents Kuenen, Molenbroek, Siertsema, Zeeman.
Chemistry: Professors Franchimont, Van Bemmelen; Reader Roozeboom.
Mineralogy and Geology: Professor Martin.
Biology : Professors Hoffman, Suringar ; Docent Boerlage.
Pharmacy: Professor Wijsman.

LAW AND POLITICAL SCIENCE.
Professors Andreae, Asser, Drucker, Greven, Oppenheim, Van der Hoeven, Van der Lith, Van der Vlugt; Reader Tichelaer.

MEDICINE.
Professors Doijer, Einthoven, Mac

Gillavry, Nolen, Rosenstein, Treub, Van Heukelom, Van Iterson, Zaaijer; Docents Dekhuyzen, Nijkamp.

THEOLOGY.
Professors Acquoy, Gooszen, Gunning, Kosters, van Manen, Offerhaus, Tiele.

UTRECHT, Holland.
RIJKS-UNIVERSITEIT.
This university, founded in 1636 , is under the same regulations as the other Dutch universities; see pp. 132, 133.

Enquiries may be addressed to the secretary, Professor J. De Louter.

Professors and Lecturers.

ARTS.
Languages.-Semitic: Professor Houtsma.
Classical: Professors Van der Vliet, Van Herwerden.
Germanic: Professors Gallée, Moltzer ; Docent Wirth.
Comparative Philology: Professor Gallée.
Philosophy: Professor Freiherr Van der Wyck.
History : Professor Krāmer.
Art and Archefology : Professor Van
Herwerden ; Docent Morell.
Ethnography : Docent Steinmetz.
SCIENCE.
Mathematics and Astronomy: Professors Grinwis, Kapteijn, Oudemans; Docents Mounier, Snellen.
Physics: Professor Julius.

Chemistry: Professors Bettink, Dibbits, Mulder ; Docent Couvée.
Mineralogy : Professor Wichmann.
Geology: Docent Lorié.
Biology: Professors Hubrecht, Rauwenhoff; Reader Vosmaer.

LAW AND POLITICAL SCIENCE.
Professors De Bourouill, De Louter, Hamaker, Molengraaff, Naber, Pols; Docents Kooiman, Rijke.

## MEDICINE.

Professors De Meijer, Freiherr v. Eiselsberg, Engelmann, Halbertsma, Pekelharing, Rosenberg, Snellen, Spronck, Talma, Winkler; Readers Brondgeest Dentz, Van der Meulen; Docents Gutteling, Hulshoff, Huysman.
theology.
Professors Baljon, Cannegieter, Kleyn, Lamers, Valeton, Van Leeuwen.

## NORWAY.

## CHRISTLANLA, Norway.

## KONGELIGE FREDERIKS UNIVERSITET.

There is only one university in Norway, that of Christiania, founded in rSir. Women have been admitted since 1884 to all the courses, degrees, and, where there is no special regulation to the contrary, to the scholarships and prizes.

Instruction is given and degrees are conferred in Arts, Science, Law, Medicine and Theology. The highest degree conferred is that of Doctor.

Students that have matriculated at a foreign university are admitted on presenting a certificate of having passed an examination equal in difficulty to that required from candidates from a Norwegian gymnasium.

Women are admitted to the libraries and laboratories on the same conditions as men.

The first semester begins in the middle of January, the second in the beginning of September.

All lectures are free. Foreigners pay a matriculation fee of $20 \mathrm{kr} .(\$ 5.40)$ and there are laboratory fees of 12 to 32 kr . (\$3.24 to $\$ 8.64$ ).

## Professors and Lecturers.

ARTS.
Languages.-Semiric: Professors Blix, Seippel; Assistant J. A. Knudtzon. Indo-Iranian: Professors Bugge, Torp.
Classical: Professors Schjot, Stenersen.
English: Professor Joh. Storm.
Germanic: Professors Bang, Friis, Moe, Unger; Docent H. Falk.
Romance: Professors Joh, Storm, Unger; Docent E. Loseth.
History of Literature: Docent Chr. Collin.
Philosophy : Professors Monrad, Mourly Vold.

History: Professors Daae, J. E. Sars, Gustav Storm.
Art and Archmology: Professors Dietrichson, Lieblein, Rygh. science.
Mathematics: Professors Bjerknes, Guldberg; Docent Elling Holst.
Astronomy and Meteorology: Professors Geelmuyden, Mohn.
Physics: Professor Schiotz.
Chemistry: Professors Hiortdahl, Waage.
Mineralogy and Geology : Professors Brogger, Helland, Vogt.
Biology : Professors Blytt, Collett, Nielson, G. O. Sars, Wille.

LAW.
Professors Aschehoug, Auhert, Ingstad, gaard, Nicolaysen, Poulsson, Schonberg, Morgenstierne, Platou, Scheel. Torup, Uchermann.

MEDICINE.
Professors Boeck, Guldberg, Heiberg,
theology.
Hjort, Holst, Johannessen, Laache, Lee-
Professors Blix, Munch, Odland, Petersen.

## RUSSIA.

All the universities in Russia are now closed to women. A few grant diplomas to women in Dentistry and Pharmacy, and a project to found (or rather reopen) a special medical college for women in St. Petersburg is under consideration.

In St. Petersburg there are classes in History, Languages, Philosophy, Mathematics and Physics for the higher education of women, distinct from the university, but under the supervision of the Ministry of Public Instruction. A petition asking that similar classes may be founded in Odessa has recently been presented to the government.

## SPAIN.

The universities in Spain have since 1857 been under the control of the General Director of Public Education.

The country is divided, for the purpose of university instruction, into ten departments: Madrid, Barcelona, Granada, Oviedo, Salamanca, Santiago, Seville, Valencia, Valladolid and Saragossa. The universities consist as a rule of the five faculties of Arts, Science, Law, Medicine and Pharmacy. They have always been open to women on the same conditions as to men, but women have availed themselves in very few cases of the opportunity of studying at the universities.

The courses of lectures were arranged in 1857 and have not since been changed. Students have no liberty of choice as to the lectures they attend. The degrees of Bachelor, Licentiate and Doctor are conferred by each of the faculties.

The academic year begins in October. There are no fees for lectures. The matriculation fee is 16 milreis ( $\$ 17.20$ ).

On account of the small number of foreigners attending the Spanish universities, the lists of professors are not given here. They may be found in the Minerva Jahrbuch der Gelehrten Welt.

## SWEDEN.

In addition to the Medical and Surgical Institute of Stockholm, which is a state institution, there are in Sweden two State universities, the Universities of Lund and Upsala, each comprising faculties of Philosophy (Arts and Science), Law, Medicine and Theology; and the high schools of Gothenburg and Stockholm, the first of which devotes itself to Arts only and the second to Science.

In 1870 a royal decree was issued giving to women the right to become regular students and to take degrees in the medical faculties of the State universities on the same conditions as men, and in 1873 this right was extended to the faculties of Law and Philosophy. The high schools of Gothenburg and Stockholm were not founded until after 1870, and have from the first been open to women.

The faculty of Theology is not yet open to women, but there is every prospect that it soon will be.

In order to be admitted as a student to one of the universities or high schools the candidate must have passed the final, or mogenhets, examination, of an elementary school. Candidates who have not passed this examination may in some cases become " hearers" in the university courses by special permission of the faculty and the individual professor, but are not permitted to take degrees.

The academic year is divided into the autumn semester, beginning on September ist and ending on December 15th; and the spring semester, beginning on January 15 th and ending on June 15 th.

The matriculation or registration fee varies from to to 12 crowns ( $\$ 2.70$ to $\$ 3.24$ ) and a fee of 5 or co crowns ( $\$ \mathrm{r} .35$ or $\$ 2.70$ ) is paid each semester. All public courses are open
free of charge; these are sometimes supplemented by private lectures costing from 20 to 40 crowns ( $\$ 5.40$ to $\$ \mathrm{IO} .80$ ) a semester.

There are numerous scholarships and prizes, which, unless a special statement is made to the contrary, are open to women on the same conditions as to men.

The Fredrika-Bremer-Förbundet at Stockholm is an association whose object is to collect information that is of interest to educated women. The secretary, Fröken Sigrid Ulrich, 54 Drottninggatan, Stockholm, has kindly offered to answer questions that may be addressed to her by readers of the Handbook in regard to Swedish universities.

## GOTHENBURG, Sweden. GÖTEBORGS HÖGSKOLA.

This school, founded in 1887, consists as yet of the faculty of Arts only, but has power to confer degrees.

The general regulations are the same as those of the Swedish universities; see pp. 140, 141.

Enquiries may be addressed to the secretary, Herr Eric Bökman.

## Professors and Lecturers.

ARTS.
Languages.-SEmitic: Docent Lindberg.
Classical: Professor Paulson; Docents Janzon, Wảhlin.
Germanic: Professors Cederschiöld, Holthausen ; Docent Båáth.

Romance : Professor Vising; Reader Gandolphe.
Philosophy : Professor Norström ; Docent Liljeqvist.
Political Science: Docents Kjellén, Stavenow.
History : Docent Stavenow. Art : Professor Warburg.

LUND, Sweden.
KAROLINSKA UNIVERSITETET.
This university, founded in 1666, comprises faculties of Arts, Science, Law, Medicine and Theology, and is under the same general regulations as all Swedish universities; see pp. 140, 141.

Enquiries may be addressed to the rector, Professor Quennerstedt.

## Professors and Lecturers.

ARTS.
Languages.-Classical: Professors Alexanderson, Wide; Docents Flensburg, Lind, Linde, Lindskog, Sjöstrand, Wintzell.
English : Reader Morgan.
Germanic : Professors Lidforss, Söderwall ; Docents Hjelmqvist, af Petersens, Söderberg; Reader Walter.
Romance: Professors Wulff, Zander; Reader Jeanjaquet.
Oriental: Professor Tegnér.
Philosophy : Professors Borelius, Herrlin, Lagerlöf, Larsson, Leander.
Political Science: Professors Fahlbeck, Graf Hamilton; Docent Freikerr v. Schwerin.
History : Professors Fahlbeck, Weibull; Docent Stille.
Art and Archeology: Professor Schück; Docent Söderberg.
Aesthetics and History of Literature: Professor Schück; Docents Sylwan, Wrangel.
sctince.
Mathematics and Astronomy: Professors Bjōrling, Engström; Docents Brodén, Delin, Möller, Wiman.

Physics: Professors Bācklund, Holmgren ; Docents Granqvist, Rydberg.
Chemistry : Demonstrator Loven ; Docents Löndabl, Wallin.
Geology: Professors Lundgren, Torell; Docents Hennig, Moberg, Törnqvist.
Biology : Professors Areschoug, Bergendal, Berggren,Quennerstedt, Thomson, Torell ; Docents Jōnsson, Ljungström, Murbeck.
Geography : Docent Freiherr v. Schwerin.

LAW.
Professors J. A. Ask, Graf Hamilton, Thyrén, Winroth; Docents Antell, Björring, Broomé, Livijn.

## MEDICINE.

Professors C. J. Ask, Bendz, Blix, Fürst, Hildebrand Lang Lindgren, Löwegren, Odenius, Ödman, Ribbing; Docents Hedin, Warholm.

THEOLOGY.
Professors Abnfelt, Bring, Eklund, Rosenius, Skarstedt; Docents Holmström, Lundborg, Pfannenstill.

STOCKHOLM, Sweden. STOCKHOLMS HÖGSKOLA.
This school, founded in 1878 , consists as yet of a Mathematical and Scientific section only, but it is hoped that it will shortly be enlarged by the addition of a faculty of Law and Political Science.

The general regulations are the same as those of the Swedish universities; see pp. 140, 14 t .

The matriculation fee is 25 crowns (\$6.75) and the fee for lectures (which is remitted in the semester in which the matriculation fee is paid) is the same.

Enquiries may be addressed to the secretary.
Professors and Lecturers.

[^15]SCIENCE.
Mathematics and Astronomy : Professors Bendixson, Gyldén, Mittag-Leffler, Phragmén; Docents Kobb, v. Koch.

Physics: Professors Arrhenius, Bjerknes.
Chemistry : Professor Pettersson.
Mineralogy and Geology : Professor

Högbom ; Docents Băckström, Hamberg.
Biology : Professor Leche ; Docents Anderson Carlgren, af Klercker.

## UPSALA, Sweden.

## KONGL. UNIVERSITETET I UPSALA.

This university, founded in 1477, comprises faculties of Arts, Science, Law, Medicine and Theology, and is under the same regulations as all the Swedish universities; see pp. 140, 141.

Enquiries may be addressed to the secretary, Herr J. von Bahr.

## Professors and Lecturers.

Languages.-Semitic: Professor Almkvist.
Slavonic: Professor Lundell.
Classical: Professors Danielsson, Frigell, Johansson, Persson, Sundén; Docents Knös, Lundström.
English: Reader Harlock.
Germanic: Professors Erdmann, Läffler, Noreen; Docents Beckman, Hellquist, Tamm, Wadstein; Readers Weinberg, Wiklund.
Romance: Professor P. A. Geijer; Docents Rydberg, Wahlund; Reader Lévy.
Comparative Philology: Professor Johansson; Docent Lidén.
Philosophy: Professor K. R. Geijer; Docents Bager-Sjögren, Burman, Edfeldt, Hägerstrōm, von Schéele.
Political Science: Professor Alin; Docents Nordwall, Reuterskiold, Varenius.
History: Professors Boēthius, Hjärne; Docent Clason.
Art: Professor Nyblom; Docent Petrini.
Egyptology: Professor Piehl.
History of Literature: Professor Nyblom; Docents Levertin, Meyer. science.
Mathematics and Astronomy: Professors Charlier, Dillner, Duner, Falk, Hildebrandsson; Docents Bohlin, Ber-
ger, Ericsson, Pfannenstiel, Söderberg.
Physics: Professors Lundquist, Thalén; Demonstrator Angström; Docent Petrini.
Chemistry: Professor Cleve, Widman; Docents Abenius, Bladin, Palmaer.
Mineralogy and Geology : Professorelect Holmquist; Docents Munthe, Nordenskjöld.
Biology: Professors Fries, Kjellman, Tullberg, Wirén; Docents Aurivillius, Bovallius, Hedlund, Jāgerskiöld, Juel, Lönnberg, Lundstrôm, Sernander,Starbäck.
Geography : Docents Ahlenius, Nyström.

LAW AND POLITICAL SCIENCE.
Professors Blomberg, Davidson, Hagströmer, Hammarskjöld, Nordling, Trygger ; Docents Dablberg, Sjögren.

MEDICINE.
Professors Björck, Clason, Gullstrand, Hammar, Hammarsten, Henschen, Holmgren, Lennander, Lindfors, Mörner, Nordlund, Petersson, Rosendahl; Demonstrators Öhrwall, Sundberg, Vestberg; Docents Bolin, Dahlgren.

## theology.

Professors Berggren, Ekman, Johansson, Martin, Norrby, Rudin, Sundelin, Tottie; Docents Danell, Kolmodin, Lundström, Quensel, Stave.

## SWITZERLAND.

There are in Switzerland seven universities-Basle, Berne, Fribourg, Geneva, Lausanne, Neuchatel and Zurich. These are all open to women, with, possibly, the exception of Lausanne, about which no particulars have been obtained. At Basle, Berne and Zurich the language used is German, and the only degree given is that of Doctor, as in German universities. In Geneva, Lausanne and Neuchatel, on the other hand, the language used is French and the degrees are similar to those of French universities, the baccalauréat, licence and doctorat. In Fribourg both languages are used, but the university organisation is German.

## BASLE, Switzerland.

## UNIVERSITÄT BASEL.

The university of Basle, consisting of the four faculties of Philosophy (Arts and Science), Law, Medicine and Theology, was founded in 1460 . Women have been allowed to study in the university since 1890, under certain conditions. In order to be admitted as a regular student a woman must be of Swiss nationality, or, if a foreigner, must have received her education in the canton of Basle. To be admitted as a hearer to the lectures of the Philosophical faculty she must hold a certificate entitling her to teach in the primary or secondary schools of the canton. Women who satisfy the above requirements have all the privileges of men students as regards the holding of scholarships and the use of libraries, laboratories, museums, etc.

Every one wishing to become a regular student must present a certificate of good character and satisfactory testimonials in regard to his previous education and must register (matriculate) both with the rector of the university and with the dean of the faculty in which he is to study. This must be done before the end of the
first fortnight of the semester. The fees for matriculation amount to 14 francs ( $\$ 2.80$ ) and are paid to the pedell.

Before the end of the first three weeks of the semester the student must present himself to the quæstor and pay the fees for lectures, and finally must obtain the signatures of the different lecturers in his course book. When leaving the university the student must again present himself to the rector and obtain the Abgangszeugniss.

Hearers must be over seventeen years of age and are permitted to attend lectures on paying the fees.

The degree of Doctor is conferred in all the faculties except that of Theology, which grants the degree of Licentiate only.

The winter semester extends from October 15th to the end of March; the summer semester from April 15 th to the end of July.

The lecture fees for all lectures which are not free are, in the Theological Faculty, 3 francs ( $\$ 0.60$ ) a semester for each hour weekly, and in the other faculties 5 francs ( $\$ 1.00$ ). Laboratory fees are in general 5 francs ( $\$ 1.00$ ) per hour weekly for the semester.

Information and the Verzeichniss der Vorlesungen can be obtained from the pedell, Herr Viktor Hofer.

## Professors and Lecturers.

## ARTS.

Languages.- Ethiopian : Dr. Mez.
Semitic: Dr. Mez.
Indo-Iranian : Professor Misteli.
Classical: Professors Dümmler, Hagenbach, Meyer, Misteli, Wackernagel.
English: Professor Soldan; Dr. Binz.
Germanic: Professors Born, Koegel, Meyer, Adolf Socin ; Dr. Meissner. Romance: Professor Soldan; Dr. Meissner.
Comparative Philology: Professor Socin.
Philosophy : Professors Heman, Heussler; Dr. Joēl.
Political Science: Professors Adler, Kozak.
History : Professors Baumgartner, Boos,

Albert Burckhardt, Jacob Burckhardt, Töpffer ; Drs.Luginbühl, Mez, Thommen.
Pedagogy: Professors Heman, Largiadèr.
Art and Archeology : Professors J. J. Bernoulli, Jacob Burckhardt, Dümmler, Wölfflin ; Dr. Daniel Burckhardt.
Architecture: Professor Wölflin. science.
Mathematics and Astronomy: Professors Kinkelin, Albert Riggenbach, Von der Mühll ; Dr. Flatt.
Physics: Professors Hagenbach-Bischoff, Kahlbaum ; Dr. Veillon.
Chemistry: Professors Kahlbaum, Nietzki, Piccard; Drs. Nienhaus, Rupe.
Mineralogy : Professor Carl Schmidt. Geology: Professor Carl Schmidt.

Biology: Professors Rudolph Burckhardt, Klebs, Zschokke ; Dr. Griesbach.
Hygiene: Professors Albrecht Eduard Burckhardt, Kreis.

LAW.
Professors Karl Chr. Burckhardt, Heusler, von Salis, Schulin, Teichmann, von Tuhr; Drs. Stehlin, Stutz, Wieland. aIEDICINE.
Professors Bumm, Bunge, A. E. Burckhardt, Courvoisier, Dubler, HagenbachBurckhardt, Immermann, Kollmann, Massini, Metzner, Miescher, Roth, Lud-
wig Rütimeyer, Schiess, Siebenmann, August Socin, von Sury, Wille; Drs. Emil Burckhardt, Buri, Corning, Egger, Feer, Gönner, Hägler, Hosch, Jaquet, Mellinger, Leopold Rütimeyer, Streckeisen, Schwendt.

## THEOLOGY.

Professors Böhringer, Bolliger, Duhm, Kirn, von Orelli, Overbeck, W. Schmidt, Stähelin ; Drs. C. A. Bernoulli, Bertholet, Handmann, Riggenbach.

MUSIC.
Professor Bagge.

## BERNE, Switzerland.

## UNIVERSITÄT BERN.

The University (Hochschule) of Berne, consisting of the faculties of Philosophy (Arts and Science), Law, Medicine and Theology (Catholic and Protestant), was founded in 1834 and opened to women in 1874. In 1895-96 the number of women matriculated students was seventy-six and the number of hearers fourteen.

Every one wishing to enter as a student must be over eighteen years of age, must present a certificate of good character to the rector, and must pay the matriculation fee of 15 francs ( $\$ 3.00$ ). A woman, in addition, is required to prove that she is independent, or to present a certificate signed by her guardian giving her permission to attend the university. A fee of 5 francs ( $\$ \mathrm{I} .00$ ) paid to the rector at the time of matriculation gives the student permission to use the library.

Any one is permitted to attend the lectures as a hearer on buying from the pedell an Auskultanten Karte, costing 20 cents.

Regular students and hearers must register with the professors and lecturers whose courses they wish to attend, and show their matriculation or auskultanten cards.

They are also obliged, under penalty of a fine, to register their addresses with the pedell within the first fortnight of the semester, and to inform him of any subsequent change of address.

The degree of Doctor is conferred in all the faculties under slightly varying conditions. The candidate for the degree of Doctor of Philosophy must, as in the German universities, present a satisfactory dissertation and pass an oral examination in three subjects.

The winter semester begins on October 15th and the summer semester on April 15th, lasting till August 15th.

Lists of lecturers and other official pamphlets may be procured at any bookshop and enquiries may be addressed to the pedell.

Professors and Lecturers.

ARTS.
Languages.-Semitic: Professor Kurz.
Indo-Iranian: Professors Haag, Müller-Hess.
Classical: Professors Hagg, Hagen ; Docents Jahn, Praechter.
English : Professor Müller-Hess; Docent Künzler.
Germanic: Professors Hirzel, Sutermeister, Vetter; Docent Singer.
Romance: Professors Freymond, Michaud ; Docents Bessire, Gauchat, Niggli.
Philosophy: Professor Stein; Docent Willy.
Political Economy: Professor Oncken; Docent Reichesberg.
History: Professor Woker; Docents Geiser, von Mülinen, Tobler.
Art : Professor Volmar.
Architecture: Professors Auer, Volmar.

## SCIENCE.

Mathematics and Astronomy : Professors Graf, Huber, Ott, Sidler ; Docents Benteli, Moser.
Physics: Professor Forster; Docent Moser. Chemistry : Professors von Kostanecki, Rossel ; Docents Schaffer, Schmidt.

Mineralogy : Professor Balzer; Docent Kissling.
Geology and Geography : Professors Balzer, Brückner; Docent Kissling.
Biology: Professors Eduard Fischer, Ludwig Fischer, Studer.
Hygiene: Professor Girard.
LAW.
Professors Gretener, Hilty, Huber, Lotmar, Marcusen, Oncken, Reichel, Rossel, Stein, Stoass, Zeerleder ; Docents Lauterberg, Opet, Reichesherg, Sieber. medicine.
Professons Drechsel, Emmert, Girard, Kocher, Kronecker, Langhans, Lesser, Müller, Pflüger, Sahli, von Speyr, Strasser, Tschirch, Tavel, Valentin ; Docents Asher, Bueler, Collon, Conrad, Dick, Dubois, Dumont, Dutoit, Emmert, de Giacomi, Howald, von Ins, Jonquiere, Lanz, Lindt, Niehans, Santi, Stooss, Walthard, Zimmermann.
theology.
Professors Barth, Blösch, Herzog, Liidemann, Marti, Michaud, Müller, Rüetschi, Steck, Thürlings, Woker. mUsic.
Docent Hess-Rüetschi.

## FRIBOURG, Switzerland.

## UNIVERSITÉ DE FRIBOURG.

The University of Fribourg, founded in 1889, consists of the three faculties of Philosophy (Arts and Science), Law and The-
ology. Women are not admitted as regular students, but they are allowed to attend the courses as hearers, and in the faculty of Philosophy they may take the examinations and obtain the same diplomas as men students on the same conditions.

The French and German languages are both used, but the university organisation resembles that of German universities in all essential points. Foreigners are as a general rule admitted, provided they possess the qualifications which would admit them to universities in their own countries. The rector decides all doubtful and exceptional cases.

The degree of Doctor is conferred by the Philosophical faculty on candidates who, having studied for three years at a university and having satisfactory testimonials as to character and education, present a dissertation that is approved by the faculty and pass an oral examination in three subjects.

The winter semester begins in the middle of October and the summer semester in the middle of April.

The fee for the first matriculation is 30 francs (\$6.00) and for the second 20 francs ( $\$ 4.00$ ).

## Professors and Lecturers.

ARTS.
Languages.-Semitic: Professors Grimme, Hess.
Indo-Iranian : Professor Hardy.
Classical : Professors Michaut,Sturm.
English : Professor Steffens.
Germanic: Professors Jostes, Streitberg.
Romance: Professors Giraud, Horner, Marchot.
Slavonic: Professor Kallenbach.
Comparative Philology: Professor Streitberg.
Philosophy : Professors Bartijn, Michel.
Political Science: Professors Büchel, Gottlob, Jaccoud, Wasserab.
History : Professors Büchi, Gremaud, Hardy, Schnürer, Reinhardt, Steffens.

Art and Archazology: Professors Effmann, Hess, Steffens, Sturm.
Pedagogy : Professor Homer.
science.
Physics: Professor von Kowalski.
Chemistry : Professor Thomas.
Geology : Professor de Girard.

## LAW.

Professors Bise, Büchel, Clerc, Favre, Fietta, Gottlob, Gottofrey, Jaccoud, Kos-chembahr-Lyskowski, Loerkens, Oser, Pedrazzini, Perrier, Saedt, v. Savigny; Docent Hauptmann. theology.
Professors Beck, Berthier, Coconnier, Frankenstein, Fritsch, Kirsch, Mandonnet, del Prado, Rose, Weiss, Zapletal. music.
Professor Wagner.

## GENEVA, Switzerland.

## UNIVERSITÉ DE GENÈVE.

The University of Geneva, founded in 1559 , consists of the five faculties of Arts (Lettres), Science, Law, Medicine and Theology. Women are admitted on the same conditions as men. There are now about 150 women students, the majority attending courses in medicine and natural science. The French language is used and the organisation of the university is similar to that of French universities.

Any person over eighteen years of age is admitted as a hearer to all lectures, but not to the hospitals or the practical courses of the Medical faculty.

Persons who have obtained the certificat de maturité in one of the sections of the gymnasium of Geneva or who can prove by certificates or diplomas that they have received an education equal in standard to that implied by the certificat de maturité are allowed to matriculate as regular students. The faculty in which the student desires to study decides upon the equivalence of the certificates, and the entrance requirements vary considerably in the different faculties. In some (the department of Social Science, for instance), a knowledge of Greek and Latin is not considered necessary ; in others it is essential.

The university confers the following degrees: Bachelier ès lettres, ès sciences, ès sciences médicales, en théologie; Licencié ès lettres, ès sciences sociales, en droit, en théologie, en médecine; Docteur ès lettres, ès sciences, en droit, en médecine; Diplôme de chimiste, Diplôme de pharmacien.

For the degrees of Bachelier and Licencié the candidate must pass an oral and a written examination, for the degree of Docteur, he must pass an oral examination and sustain a thesis. The requirements as to time, etc., vary in the different faculties. In Arts the candidate can enter for the degree of Bachelier on beginning his work in the university. To enter for the degree of Licencié he must already hold the baccalauréat and have studied in a university
for four semesters after obtaining it. Equivalent degrees are in general accepted in place of the baccalaureat or licence of Geneva.

Persons desiring to matriculate as students should apply to $M$. le secrétaire-caissier de $l$ 'Université and present their certificates and testimonials to him for the consideration of the faculty. Students and hearers must register during the first fortnight of the semester for each course they desire to attend, and must procure a course book and present it for signature each semester to the rector, the dean of the faculty and the professors whose courses they attend.

Women are admitted to all the libraries, reading-rooms and laboratories. The laboratories are of two kinds, those in which the students work every day more or less independently, and those known as répétitoires, in which the work is merely complementary to the courses, and which are attended only once weekly for about three hours.

The first semester begins on October 15th. The lectures begin on October 22d and end on March 22d; the second semester begins on April 8th and ends on July 15 th.

The fees are: for matriculation, 20 francs ( $\$ 4.00$ ); for course book, I franc ( $\$ 0.20$ ); for each hour per week of lecture for the semester, 5 francs ( $\$ \mathrm{r} .00$ ) ; for exmatriculation, 10 francs ( $\$ 2.00$ ). There are fees of from 50 francs to 200 francs ( $\$ 10$ to $\$ 40$ ) for the different diplomas.

Further information may be found in the Règlement de l'Université de Genève (Genève, Imprimerie J. Studer), and in the Programme des Cours de l'Université de Genève (Genève, Imprimerie Aubert-Schuchardt).

Enquiries may be addressed to M. le Secrétaire-caissier de P'Université.

There is an association of women students--the Société Internationale des Etudiantes de l'Université de Genève.

## Professors and Lecturers.

## ARTS.

Languages.-Sem1tic: Professor Montet ; $M$. T. André.
Indo-Iran1an : Professor de Saussure.

Classical: Professors André Oltramare, Nicole, de Saussure; Docents Courvoisier, Vulliéty.

Germanic: Professor Emile Redard; Docent Vogel.
Romance: Professors Bouvier, Duproix, Muret, Ritter; Docents Bally, Paris, Schneegans, Thudichum, Vulliéty, Zbinden.
Comparative Philology: Professors Muret, Wertheimer.
Philosophy: Professors Flournoy, Gourd, Adrien Naville; Docent Briquet.
Political Science: Professors Favon, Jaquemot, Wuarin ; Docents Wiede, Winiarski.
History: Professors Fazy, Edouard Naville, Jaquemot, Pierre Vaucher.
Pedagogy: Professor Duproix.
Art and Archeology : Professors de Crue, Montet, Nicole ; Docents Ladé, Vulliéty.

SCIENCE.
Mathematics and Astronomy : Professors Cailler, Galopin, R. Gautier, G. Oltramare; Docents Fehr, Lyon.

Physics: Professors Rilliet, Soret; Docent Dussaud.
Chemistry: Professors Graebe, Guye, Monnier, Pietet ; Docents M. Gautier, M. Kehrmann, O. Hinsherg, C. Lagodzinski.
Mineralogy: Professor Duparc.
Geology and Geography : Professors

Cailler, Duparc ; Docents Ritter, Sarasin.
Biolugy ; Professors Chodat, Laskowski, Monnier, Schiff, Thury, Yung ; Docent Briquet.
Hygiene: Professor Vincent.
Agriculture: Docent Auriol.
LAW.
Professors Bridel, Brocher, Erman, Alfred Gautier, Gentet, Gosse, Jaquemot, Martin, Rehfous, Roguin ; Docents Combothecra, Dunant, Moriaud, Odier.
medicine.
Professors Brun, Chodat, d'Espine, Eternod, Haltenhoff, Julliard, Olivet, H. Oltramare, Prevost, Auguste Reverdin, J. Reverdin, Revilliod, Schiff, Vaucher, Vincent, Vulliet, Zahn; Docents Audéoud Bétrix, Binet, Bourcart, Buscarlet, Cordés, Christiani, Dupraz, Froelich, Goetz, Guder, Keseh, Kummer, Ladame, Ed. Martin, Mégevand, Patru, Ruel, Sulzer, Thomas, Wyss.

THEOLOGY.
Professors Chantre, Cougnard, Frommel, Ern, Martin, Montet, Nicole; Docent Balavoine.

## MUSIC.

Docent Roehrich.

LAUSANNE, Switzerland.

## UNIVERSITÉ DE LAUSANNE.

In 1890 the Academy of Lausanne was formed into a university. No particulars have been obtained in regard to the admission of women students.

The winter semester lasts from October 15th to March 25 th, the summer semester from April 8th to July 25th.

The matriculation fee is 20 francs ( $\$ 4$ ).
Professors and Lecturers.
ARTS.
Languages-Oriental: Professor Spiro;
Docent Georgens.
Classical : Professors Baudat, Besançon; Docent Chatelanat.
English : Docent Neilson.

Germanic: Professor Maurer; Docent Taverney.
Romance: Professors Bonnard, Renard; Docents André, Muret, Parander.

Philosophy: Professor Millioud.
History: Professors Duperrex, Maillefer, Rossier.
Art and Archeology: Docent de Molin.
Pedagogy: Professor Guex.
SCIENCE.
Mathematics and Astronomy: Professors Amstein, Chenaux, Charles Dufour, Joly.
Physics: Professors Dapples, Herri Dufour, Grenier, Mayor, Palaz.
Chemistry: Professors Brélaz, Brunner, Chuard; Docent Kunz-Krause.
Geology and Mineralogy: Professors Golliez, Renevier.
Biology: Professors Blanc, Jean Dufour, Wilczek; Docents Amann, Bieler, Jaccard.

Engineering: Professors Gaudard, Melley.
Agriculture: Docent Martinet.
LAW AND POLITICAL SCIENCE.
Professors Berney, Erman, Favey, Grenier, Larguier, Pareto, Roguin ; Docents Brocher de la Fléchẻre, Jaquemot, Soldan.

## MEDICINE.

Professors Bourget, Bugnion, de Cérenville, Demiéville, Dind, Dufour, Herzen, Larguier,Löwenthal, Nicolas, Rabow, Rapin, Roux, Stilling; Docents Berdez, Eperon, de la Harpe, Muret, Rossier, Secretan, Verrey.

THEOLOGY.
Professors Chapuis, Combe, Dandiran, Emery, Fornerod, Paschoud, Vuilleumier; Docents Narbel, Rapin.

## NEUCHATEL, Switzerland. <br> ACADÉMIE DE NEUCHATEL.

This university, founded in 1866 , consists of the four faculties of Arts, Science, Law and Theology. Women are admitted as students and hearers on the same conditions as men, and at present about twenty are attending the university courses. The constitution of the university is similar to that of the University of Geneva, and all the details given above (pp. 149, 150) apply, with a few exceptions, to Neuchatel.

Students and hearers must be over eighteen years of age. Hearers are not allowed to attend more than ten hours of lectures weekly, and they are not granted any certificate. Entrance examinations are held by all the faculties, but any student holding a certificate equivalent to the certificate of a Swiss or German gymnasium is admitted as a regular student without examination.

The first semester begins on October 14th and ends in the middle of March. The second semester begins in the middle of March and ends in the middle of July. Students must register on the first day of the semester.

From the middle of August to the middle of October a holiday course in modern French is held for foreigners.

The fees are: for matriculation, 10 francs ( $\$ 2.00$ ) ; for each hour per week of lectures for the winter semester 2.50 francs ( $\$ 0.50$ ), and for the summer semester 2 francs ( $\$ 0.40$ ); (hearers pay double this sum) ; for the different laboratories, 5 francs to 30 francs ( $\$ 1.00$ to $\$ 6.00$ ) for the semester.

Prizes of 100 francs (\$20) are open for competition to registered students.

Further information may be found in the Programme des Cours, which can be obtained from the Recteur de l'Académie de Neuchatel.

# Professors and Lecturers. 

ARTS.
Languages.-Semitic: Professor Perrochet.
Indo-European : Professor Perrochet.
Classical: Professors Dessoulavy, Le Coultre.
English : Professor Nippel; M. Swallow.
Germanic : Professor Domeier.
Romance: Professors Amici, Dessoulavy, Le Coultre, Piaget, Warnery ; $M M$. Dubied, Piaget, Ragonod.
Literature : Professor Humbert. Philosophy : Professor Murisier. Political Science: Professor Junod.
History : Professor de Chambrier; MM.
Diacon, Farny.
Art and Archemology: Professor
Wavre ; M. Dessoulavy.
science.
Mathematics and Astronomy : Professors Hirsch, Isely, Weber; M. Le Grand Roy.

## Physics: Professor Weber.

 Chemistry : Professor Billeter. Mineralogy : Professor de Tribolet. Geology and Geography : Professors Du Pasquier, Knapp.Biology: Professors Béraneck, Chatelain, Tripet. Hygiene: Professor Chatelain.

LAW.
Professors Béguelin, Courvoisier, Jeanhenry, Meckenstock, Mentha.
theology.
Professors DuBois, Ladame, Morel, Paris, Perrocbet, Quartier-la-Tente.

## ZURICH, Switzerland.

## HOCHSCHULE.

The University (Hochschule) of Zurich, founded in 1832, was formally opened to women in 1872 , and women are even permitted to hold professorial chairs. At present there are about 200 women students, and a woman is lecturer on Roman law. The university consists of the four faculties of Philosophy (Arts and Science), Law, Medicine and Theology; the language used is German, and the general organisation is similar to that of a German university.

Inhabitants of Zurich desiring to enter the university must have
the Maturitätszeugniss of a school in the canton; foreigners must hold certificates equivalent to this, or pass an entrance examination.

The degree of Doctor is conferred by each of the faculties under slightly different conditions; in general the candidate must pass an oral examination and present a satisfactory thesis.

There are six libraries open to regular students; hearers are allowed to use these libraries when introduced by a professor.

The semesters begin on October 20th and April 2oth, and end in March and August, respectively.

The fees are: for matriculation, 22 francs ( $\$ 4.40$ ); for lectures, 5 francs (\$1.00) a semester for each hour weekly; for the Doctor's degree, 310 to 420 francs ( $\$ 62$ to $\$ 84$ ).

For further information see the Verzeichniss der Vorlesungen and the different Promotions-Ordnungen. Enquiries may be addressed to the pedell of the university, Herr Ruegger.

## Professors and Lecturers.

Languages - Classical: Professors Blümner, Hitzig; Docents Guggenheim, Schulthess.
English: Professor Vetter; Docent Schirmer.
Germanic: Professors Bæchtold, Stiefel; Docents Bachmann, Hoffmann.
Romance: Professors Morf, Urich; Docents Morel, Ziesing.
Sanscrit and Comparative Philology: Professor Kægi.
Philosophy: Professors Avenarims, Kym; Docents Bösch, Kreyenbühl.
History: Professors Dändliker, v. Knonau, Oechsli, Schweizer; Docent Heierli.
Artand Archeology: Professor Rahn; Docents Bloch, Brun, Stückelberg.
Pedagogy: Professor Hunziker.

## science.

Mathematics and Astronomy : Professors Meyer, Wolfer; Docents Gubler, Kraft, Weiler.
Physics: Professor Kleiner; Docent von Wyss.
Chemistry : Professors Abeljanz, Werner; Docents Bischler, Feist, Kippenberger, Schall, Scholl.

Geology and Mineralogy : Professors Mayer-Eymar, Grubenmann, Heim.
Geography : Professor Stoll, Docent Früh.
Biology : Professors Dodel, Lang, Schinz; Docents Heuscher, Kündig, Martin, Overton, Standfuss.
law and political scrence.
Professors Cohn, Fleiner, Hitzig, Pfenninger, Schneider, Schollenberger, Treichler, Vogt, Wolf, Zürcher ; Docents Frau Dr. Kempin, Rubland, Heinrich Schmidt, Konrad Schmidt, Wächter.

MEDICINE.
Professors Billeter, Eichhorst, Forel, Gaule, Goll, Haab, Krönlein, von Monakow, Spöndly, Stöhr, Ribbert, Wyder, Oskar Wyss, Hans von Wyss; Docents Gustav Brunner, Konrad Brunner, Delbrück, Felix, Fick, Hanau, Huber, Kaufmann, Kreis, Lüning, Hans Meyer, Rudolf Meyer, Müller, Rohrer, Schaper, Schulthess, Seitz, Suchannek, Wlassak. theology.
Professors Christ, Egli, Fritzsche, Furrer, Kesselring, Ryssel, Schmiedel, von Schulthess-Rechberg ; Docents Heidenheim, Kappeler, Meili, Rüegg.

## EIDGENÖSSISCHE POLYTECHNISCHE SCHULE.

This school, founded in 1855, though under different administration from the Hochschule, has its classes in the same building, and students of one school are at liberty to attend the lectures of the other. The polytechnic school gives instruction in technical work and the applied sciences, engineering, pharmacy, etc.

The requirements for entrance, fees, etc., are similar to those of the Hockschule, and women are admitted on the same conditions as men.

There is an association of women students, the Studentinnen Verein, secretary, Fräulein von Lengefeld, Zurich.

Professors and Lecturers.

Languages.-English : Professor Vetter.
Germanic: Professors Stiefel; Instructor Baumgartner.
Romance: Professors Droz, Pizzo.
Philosophy : Professor Stadler.
Political Science: Professors Charton, Platter ; Docent Schmidt.
History : Professors Guillard, Oechsli, Stern.
History of War and Tactics: Professor Rothpletz.
Art: Professor Rabn.
Literature : Docent Saitschik.
Pedagogy : Professors Stadler, Zurcki; Docent Hunziker.

Mathematics and Astronomy : Professors W. Fiedler, Franel, Geiser, Hurwitz, Lacombe, Rudio, Wolfer; Docents Beyel, Burger, Disteli, E. Fiedler, Hirsch, J. Keller, Kraft, Rehstein, Weiler, Weilenmann.
Physics: Professors Pernet, Weher ; Docents Guye, Kopp, Lombardi, v. Wyss.
ChEmistry : Professors Bamberger,Bar-
bieri, Gnehm, Hartwich, Lunge, Schulze, Treadwell ; Docents Bosshard, Constam, Feist, Grete, Kippenberger, Oettel, Scholl, Winterstein.
Mineralogy : Professor Grubenmann.
Geology: Professors Heim, MayerEymar.
Biology: Professors K. Keller, Lang, Roth ; Docents Martin, Schoch, Standfuss, v . Tavel.
Botany : Professors Cramer, Schröter.
Geography: Professor Guillard; Docent Früh.
Hygiene: Professor Roth.
Engineering and Architecture : Professors Becker, Decher, Escher, Fliegner, Graf, Gerlich, Herzog, Lasius, Prásil, Recordon, Ritter, Stodola, Tetmajer, Tobler, E. Zschokke, K. Zschokke; Docents Denzler, Gentilli, Mantel, Meyer, Pfister, Potterat, Stambach, Walter, Wyssling.
Agriculture: Professors Bluntschli, Bourgeois, Bühler, Felber, Krämer, Nowacki, Zwicky; Docents Baechler, Krauer, Mertens, Stehler; Instructor Schneebeli.

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    Political Science and History : Professor Forrest.
    Pedagogy: Professor W. C. Murray; Mr. McKay.
    sCIENCE.
    Mathematics: Professor Macdonald; Mr. Morton.
    Physics: Professor MacGregor.
    Chemistry and Mineralogy: Professor Lawson.

[^1]:    ARTS.
    Languages. - Semitic: Professor van Mehren.
    Indo-Iranian: Professor Fausboll.

[^2]:    * The baccalauréat de l'enseignement classique is a preliminary diploma given on the result of an examination, partly oral and partly written, in Latin, Greek, French, either English or German, history, physics, chemistry and biology, geography and elementary mathematics, and a further examination in either philosophy or elementary mathernatics. The baccalaureat de renseignement moderne is given on a similar examination in which modern languages are substituted for Greek and Latin. The examinations are preliminary to the work in the Faculty and are held by the professors of the Faculties of Arts and Science for candidates leaving the secondary schools. These two diplomas have been recently established and take the place of the baccalaureat es lettres and the baccalauréat ès sciences.

[^3]:    Nore.-English-speaking women who wish to reduce their expenses while studying in France may apply to be admitted as assistant teachers of foreign languages in one of the numerous training colleges for primary teachers. These teachers are required to give to the students (girls of from fifteen to twenty years of age), and to any of the teachers who may desire it, practical instruction in English and practice in English conversation for an hour and a half or two hours dally. For the rest of the time they are free to study privately, to attend lectures or employ themselves as they think fit. They pay into the college funds the sum of $4 \infty$ frcs. ( $\$ 80$ ) and for this have a room, light, firing and board in the College for the college year, October ist to July $3^{\text {xst, }}$ holidays included. Candidates for these posts should fill out a form of application, to be obtained from M. le Ministre de l'Instruction publique, Direction de l'Enseignement primaire, 60 bureau, Paris, and return it to him filled up, together with copies of eertificates, etc. It is advisahle to have these testified to by one of the American members of the Comité Franco-Americain. The following is a list of these memhers :

    President J. B. Angell, University of Michigan, Ann Arbor.
    President Timothy Dwight, Yale University, New Haven.
    President Charles W. Eliot, Harvard University, Cambridge.
    President D. C. Gilman, Johns Hopkins University, Baltimore.
    Mr. G. Brown Goode, Assistant Secretary U. S. National Museum, Washington (Secretary).
    Professor E. R. L. Gould, Secretary International Statistical Institute, Chicago, Illinois.
    President G. Stanley Hall, Clark University, Worcester.
    Mr. W. T. Harris, U. S. Commissioner of Education, Washington.
    Mr. S. P. Langlev, Secretary, Smithsonian Institution, Washington.
    President Seth Low, Columbia College, New York.

[^4]:    Professor Simon Newcome, U. S. N., Superinteadent Nautical Almanac, Washington (President).

    President J. C. Schurman, Cornell University, Ithaca, N. Y.
    Hon. Andrew D. White, former U. S. Minister to Germany, Ithaca, N. Y.
    President B. L. Whitman, Columbiaa Uaiversity, Washingtoa.
    Mr. Carroll D. Wright, Commissioner of Labor, Washington.
    Students from American universities or colleges going to study in France are allowed a reducion of 30 per cent on the rates of the steamers of the Compagaie géaérale Transatlaotique. To obtain this they should apply to M. Paul Melon, Secretary of the Comite de Patronage des Etudiants Etrangers, at the Sorboone.

[^5]:    * Wherever courses in Law and Medicine have been opened to women, special mention is made of the fact under the head of the separate universities.

[^6]:    * The above figures are approximate.

[^7]:    * There is a school of Modern Orlental studies established by the Imperial Institute in connection with University Coliege and King's College. For particulars see "University College Calendar."

[^8]:    * Affiliated to the University of Wales.
    $\dagger$ Affiliated to Victoria University.
    $\ddagger$ Affiliated to the University of Durham.

[^9]:    ARTS.
    Languages.-Classical: Mr. Haigh, Miss Hayllar, Mr. Lys, Miss Rogers, Miss Sellar, Mr. Sidgwick.
    English: Messrs. Edwards, Firth; Miss Lea, Miss Lee.
    Modern: Mr. Peters, Miss Pope, Miss A. M. Todd, Miss Wardale, Messrs. Winternitz, Wright.
    Philosophy: Mr. Hadow.

[^10]:    * The university arranges special "examinations for women" and successful candidates receive the junior certificate, the senior certificate, or a certificate of honour, according to the examination taken. These examinations cover the same range of subjects and are of about the same grade as ordinary English college entrance examinations.

[^11]:    Medicine and surgery.
    Drs. Aitken, Bramwell, Graham Brown, Bruce, Clouston, Croom, Husband, Jamieson, Sophia Jex-Blake, Littlejohn, McBride, Muir, Noel Paton,

    Stockman ; Messrs. Berry, Cathcart, Cotterill, Hardie, Leith; Miss Jessie M. McGregor; Mr. McLaren; Miss Marion Newbigin ; Messrs. Thomson, Turnbull, Wood.

[^12]:    ARTS.
    Languages.-Semitic: Professor Robertson.
    Classical: Professors Murray, Ramsay ; Messrs. Brown, Burrows.

[^13]:    Englash: Professsor Bradley; Mr. Jack.
    Germanic: Dr. Tille.
    Romance: Mr. Mercier.

[^14]:    * In the case of foreigners certain examinations of other countries are considered by law equivalent to these examinations and are accepted as a sufficient substitute by the universities, as, for instance, the final examinations of a German gymnasinm.

[^15]:    ARTS.
    History of Literature: Professor Levertin.
    Political Science: Professor Leffler.'

